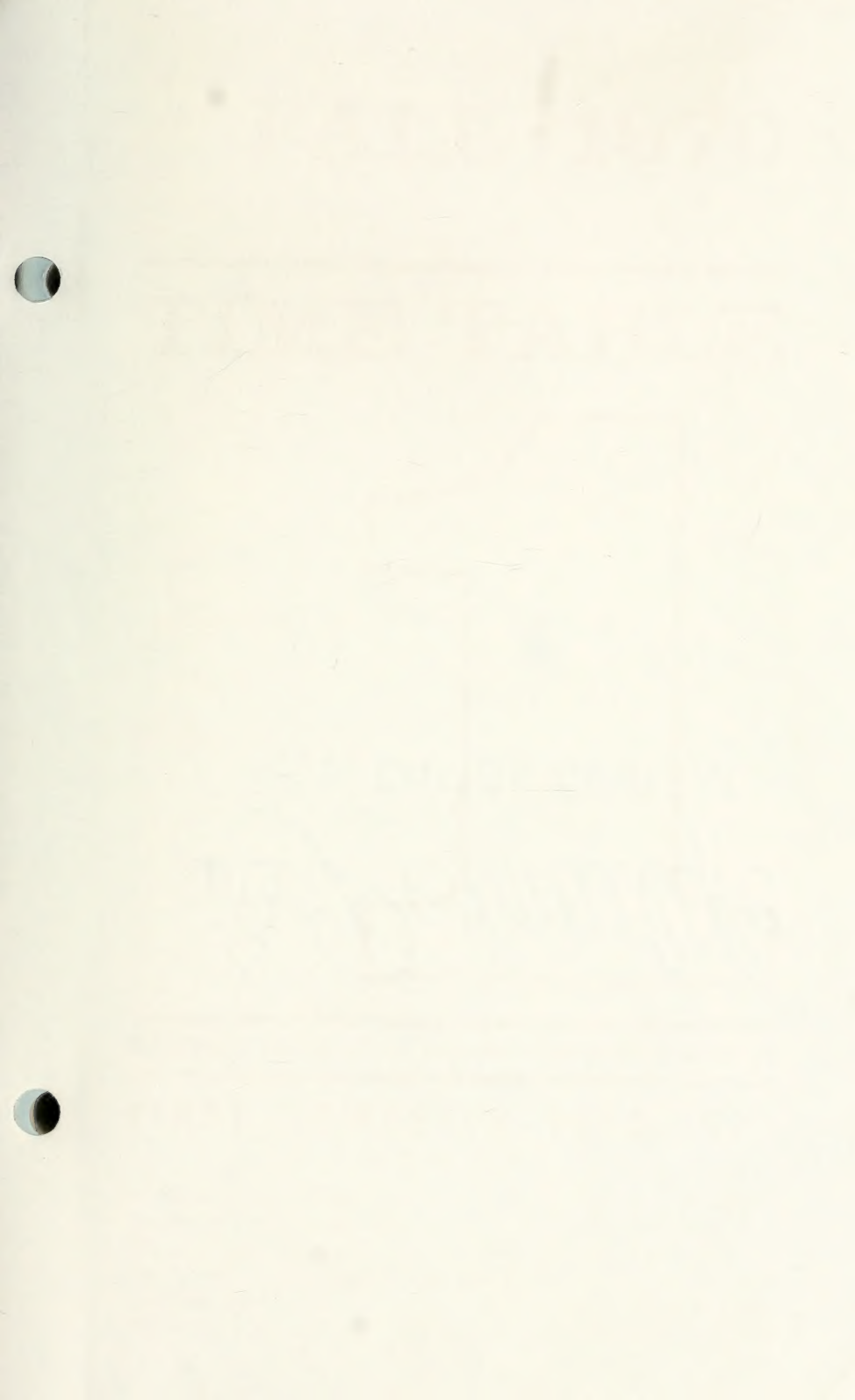



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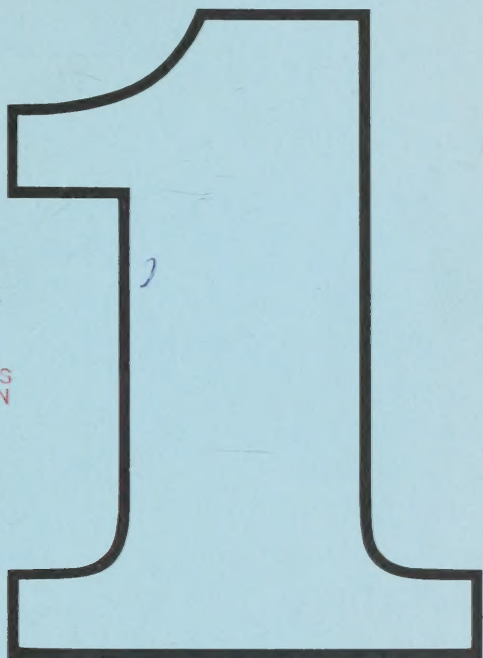
FALL · 1970

TIME TABLE

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN



BULLETIN · UNIVERSITY OF ILLINOIS · URBANA DEPARTMENTS

FIRST SEMESTER 1970-1971

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A supplement to the time table will be printed shortly before the semester begins. Students and staff using the time table after this date are advised to consult the supplement for possible changes. Copies are furnished to advisers and department offices.

UNIVERSITY OF ILLINOIS BULLETIN

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REGISTRATION INSTRUCTIONS

How to Prepare a Program Request

Please make certain that the Time Table you are using applies to the term for which you are requesting a program of courses. Use a Program Worksheet form to arrange, according to instructions in Item A below, your program of courses for the term. Submit your program request on a Number 2 Program Request Card, according to instructions in Item B below. The Program Worksheet form is printed on the back pages of this Time Table. Additional copies of this form and the Number 2 Program Request Card may be obtained from your major departmental office.

A. THE PROGRAM WORKSHEET

- I. Before entering a course on your Program Worksheet, ascertain that you have satisfied all prerequisites and special requirements listed under the course heading in the Time Table.
- II. Print legibly on your Program Worksheet each of the following items for every course you wish to include in your program request:
 - a. In the SUBJECT column, the name of the subject, as abbreviated in the Time Table, e.g., Rhet. (NOT English).
(Do not confuse the "title" of the course (Freshman Rhetoric and Composition) with the subject (Rhet.) or with the name of the department offering the course (English).)
 - b. In the CRSE. NO. column, the subject course number.
Note: Authorization from the Graduate College must be obtained by the undergraduate student to enroll in a 300-level course for credit in graduate units or in a 400-level course for either graduate or undergraduate credit, and by the graduate student to enroll in a course for credit in undergraduate hours.
 - c. In the CR column, the amount of credit in undergraduate hours or graduate units.

SPECIAL INSTRUCTIONS

1. An undergraduate student who is authorized to request a 300- or 400-level course for credit in graduate units must place a "U" in the column under the arrow.
 2. A graduate student who is authorized by his adviser to request a course for credit in undergraduate hours must place an "H" in the column under the arrow.
 3. Courses offered for variable amounts of credit (e.g., 0 to 4 units) must be shown at a permissible specific amount of credit (e.g., 2 units), not the credit range indicated in the Time Table.
 - d. In the CALL NUMBER column, the five digit call number listed in the Time Table. The five digit call numbers appear to the left of each section designation in the Time Table course listings. A call number may control one or more instructional type sections in a multiple section course. If you need more than one line on a worksheet to enter the instructional type designations and the meeting times and/or places controlled by one call number, leave the call number column blank for the additional lines needed.
 - e. In the INSTR. TYPE column, the official abbreviation (i.e., lect., lect-disc., quiz, lab., etc.) of the instructional type for each entry. Some courses require that instructional type sections be taken in specific combinations, as indicated in the Time Table.
 - f. In the SCTN. DES. column, the section number or letter designation for each line entry.
 - g. In the weekday columns, the meeting times for each entry (e.g., 8 or 1-3).
 - h. In the MEETING PLACE column, the room number and building where the class meets.
- III. Obtain your adviser's approval for your program.
If your college permits self-advising, you do not need this approval.
- IV. Retain the Program Worksheet, your record of the requested program, for your files.

B. THE NUMBER 2 PROGRAM REQUEST CARD

- I. Using ink, copy legibly (clear and distinctive characters, please) and without error the required course information from the heavily outlined box of your worksheet onto the appropriate (graduate or undergraduate) Number 2 Program Request Card (undergraduates, see note below).
Do not repeat a given call number on the Number 2 Program Request Card. Instead, in the screened column next to the call number, write the number of instructional type sections (lect., disc., quiz, lab.) listed following each call number in the Time Table.
Note for Undergraduates: During registration (other than advance enrollment) do not enter call numbers on your Number 2 Program Request Card until you are assured of a place in the desired section (1) during residual and summer session registrations, by

means of having your name entered on the departmental tally sheet and obtaining a Number 5A Class Card for the appropriate courses and/or sections, and (2) during late registration, by means of the signature of the instructor or his representative on the Number 2 Program Request Card.

- II. Count the lines on your Number 2 Program Request Card which contain call numbers and write the total in the box at the lower right. (See A, II, d, and B, I above.)
- III. If not advance enrolled, determine the number of class cards you must obtain and submit with your Program Request Card during registration by adding the numbers you entered in the screened column on the Number 2 Program Request Card.
- IV. To be valid, the Number 2 Program Request Card must be signed as required by your college.
- V. Submit your Number 2 Program Request Card:
 - a. During advance enrollment,
 - 1. To your adviser (major department, if self-advised — see A, III above), *if you are an undergraduate student*.
 - 2. To your major department, *if you are a graduate student*.
 - b. During residual and summer session registrations,
 - 1. At Station 9 in the Armory, with all your other registration cards, according to "Registration Instructions for Undergraduate (or Graduate) Students" available at your college office during registration.
 - 2. Advance enrolled undergraduates must not submit a Number 2 Program Request Card during registration in the Armory.
 - c. During late registration, to the fee assessor in the Administration Building.

ORDER OF REGISTRATION

First Semester, 1970-1971

Wednesday, September 9, through Saturday noon, September 12

GRADUATE STUDENTS

The Program Request Card and other preliminary registration materials for graduate students who have not advance enrolled may be obtained in advance of registration days at the office of the student's adviser, beginning Tuesday, September 1.

Authorization cards essential to complete registration will be distributed in the Upper Gymnasium, English Building, to all graduate students except those individually informed by special instructions that they must go elsewhere. Distribution will be made in accordance with the alphabetical schedule given below, *but not before*.

UNDERGRADUATE AND PROFESSIONAL STUDENTS

Authorization cards to complete their registration will be distributed in the Armory for all *advance enrolled* undergraduate and professional students.

Unless individually informed by special instructions that they must go first to Room 69 Administration Building, authorization cards for all *non-advance enrolled* undergraduate and professional students will be distributed from the locations designated by the deans of the various colleges, as follows:

Agriculture

Home Economics and Home Economics Education.....268 Bevier Hall
All other curricula.....108 Mumford Hall

Aviation

All curricula.....Adviser's Table, Huff Gymnasium

Commerce and Business Administration

All curricula.....215a David Kinley Hall

Communications

All curricula.....119 Gregory Hall

Education

All curricula.....120 Education Building

Engineering

All curricula.....Northeast corner entrance, Huff Gymnasium

Fine and Applied Arts

All curricula.....114 Architecture Building

Law

All classes.....111 Law Building

Liberal Arts and Sciences

All curricula.....Lobby, Lincoln Hall Theatre

Physical Education

All curricula.....107 Huff Gymnasium

Veterinary Medicine

All classes.....137 Veterinary Medicine Building

Detailed registration instructions are distributed to graduate students at their departmental adviser's office and to undergraduate and professional students with their authorization card.

DISTRIBUTION SCHEDULE

The distribution schedule for all students is as follows:

EARLY REGISTRATION PERIOD (special permit required)....Wednesday, September 9
 Student registration staff..... 2:30 p.m.
 Nonacademic employees and all Rehabilitation-Education Center students..... 3:30 p.m.

Thursday, September 10

Nev through Ph..... 8:00 a.m.
 Pi through Rog..... 9:00 a.m.
 Roh through Sel..... 10:00 a.m.
 Sem through Std..... 11:00 a.m.
 Ste through Tuk..... 1:00 p.m.
 Tul through Wh..... 2:00 p.m.
 Wi through Z..... 3:00 p.m.
 A through Bee..... 4:00 p.m.

Friday, September 11

Bef through Bro..... 8:00 a.m.
 Brp through Com..... 9:00 a.m.
 Con through Dq..... 10:00 a.m.
 Dr through Fq..... 11:00 a.m.
 Fr through Grd..... 1:00 p.m.
 Gre through Her..... 2:00 p.m.
 Hes through Jog..... 3:00 p.m.
 Joh through Kou..... 4:00 p.m.

Saturday, September 12

Kov through Lor..... 8:00 a.m.
 Los through Meh..... 9:00 a.m.
 Mei through Neu..... 10:00 a.m.

Teachers wishing to register in evening or Saturday classes who are unable to be here at the hour designated will be permitted to register *between 8:00 a.m. and noon* on Saturday, September 12. The offices will *not* be open for registration on Saturday, September 19, or any subsequent Saturday.

Graduate and undergraduate registrations are completed in the Armory through Saturday noon, September 12. Late registrations are completed in the Administration Building, Monday, September 14, and thereafter.

The late registration fine of \$15.00 will be assessed *all students* who complete registration after 12:00 noon, Saturday, September 12, 1970. No registration is considered complete until the fee card has been deposited with a Business Office cashier. This includes students exempt from tuition and/or fees.

LISTING OF COURSES

The arrangement of subjects in this Time Table is alphabetical. The courses offered in each subject are listed numerically with headings to indicate the students for whom they are designed. Courses for undergraduates (freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates (juniors and seniors), 200 to 299; for advanced undergraduates and graduates (juniors, seniors, and graduates), 300 to 399; for graduates, 400 to 599. Following the title of each course is a statement of the requirements, if any, for admission to the course.

Special sections intended for Honors Students are listed on page 6 preceding the departmental listings. These sections are also included in the departmental listings, and are designated by the ampersand symbol (&).

Credit

Credit for undergraduate students is counted in semester hours. An hour is one class period a week for one semester or the equivalent in laboratory or field work or approved independent study. The number of hours for which each course counts is shown under each course.

Credit for graduate students is counted in units. A unit course requires ten hours of time each week through the semester, irrespective of the distribution of that time in classwork, laboratory or field work, and private study. Four such courses or their equivalent constitute a student's normal program for one semester. The unit values of graduate courses are indicated under each of these courses. No course may be taken for graduate credit unless it is so designated in this Time Table of courses offered. In general, one graduate unit is the equivalent of four semester hours of undergraduate credit.

Approval of the Graduate College must be obtained for all registrations of undergraduate students in 400 courses for either semester hour or unit credit, or in 300 courses for unit credit.

Buildings

University buildings are designated by the following abbreviations:

Admin.....	Administration Building	IH.....	Illini Hall
Aero Lab.....	Aeronautical Engineering Laboratory	IU.....	Illini Union
Agr Eng.....	Agricultural Engineering Building	KM.....	Krannert Art Museum
AH.....	Altgeld Hall	Kran Perf.....	Krannert Center for the Performing Arts
An Gen.....	Animal Genetics Building	Law.....	Law Building
Arch.....	Architecture Building	LH.....	Lincoln Hall
Art Sculpt.....	Art-Sculpture Building	Lib.....	Library
ASL.....	Animal Sciences Laboratory	LIR.....	Labor and Industrial Relations Building
Bev Hall.....	Bevier Hall	MEB.....	Mechanical Engineering Building
BRL.....	Burnsides Research Laboratory	MEL.....	Mechanical Engineering Laboratory
Bur Hall.....	Burrill Hall	MH.....	Mumford Hall
CA.....	Chemistry Annex	MMB.....	Metallurgy and Mining Building
CD.....	Child Development Laboratory	MOG.....	Men's Old Gymnasium
CEB.....	Civil Engineering Building	Mor Hall.....	Morrill Hall
Cer.....	Ceramics Building	Mum House.....	Mumford House
Col Wolfe.....	Colonel Wolfe School	NEL.....	Nuclear Engineering Laboratory
Com W.....	Commerce and Business Administration Building (West)	NHB.....	Natural History Building
DH.....	Davenport Hall	NL.....	Noyes Laboratory of Chemistry
DKH.....	David Kinley Hall	NRB.....	Natural Resources Building
DMB.....	Dairy Manufactures Building	Nuc Reac Lab.....	Nuclear Reactor Laboratory
EB.....	English Building	Observ.....	Observatory
EC.....	East Chemistry Building	PA.....	Practice Annex
Educ.....	Education Building	PB.....	Physics Building
EE Annex.....	Electrical Engineering Annex	Psych Bldg.....	Psychology Building
EEB.....	Electrical Engineering Building	Rehab Center.....	Rehabilitation-Education Center
EH.....	Engineering Hall	SA.....	String Annex
EPGB.....	Educational Projects and Guidance Building	SH.....	Stiven House
ERL.....	Engineering Research Laboratory	SMH.....	Smith Music Hall
FAB.....	Fine and Applied Arts Building	SP.....	Stock Judging Pavilion
Flor.....	Floriculture Building	Sp Clinic.....	Speech Clinic
Freer Gym.....	Freer Gymnasium	Surv Bldg.....	Surveying Building
FSL.....	Forest Science Laboratory	TA.....	Theory Annex
GH.....	Gregory Hall	TB.....	Transportation Building
HA.....	Hill Annex	TH.....	Turner Hall
HFL.....	Horticulture Field Laboratory	TL.....	Talbot Laboratory
HG.....	Huff Gymnasium	UHS.....	University High School
HH.....	Harker Hall	VCLA.....	Veterinary Clinic, Large Animal
Hyd Eng Lab.....	Hydraulic Engineering Laboratory	VCSA.....	Veterinary Clinic, Small Animal
		Veg Crops.....	Vegetable Crops Building
		VM.....	Veterinary Medicine Building

LISTING OF HONORS SECTIONS

ACCY	101	00267	LECT-DISC	*E C	10	M W F	322	D K H
ACCY	101	00274	LECT-DISC	*E D1	11	M W F	322	D K H
ACCY	108	00413	LECT-DISC	*E D	11	M W F	108	D K H
ACCY	308	00705	LECT-DISC	*E E1	1	M W F	24	COM W
AG EC	200	02389	CONF	*E B	ARR			
AG EC	370	02706	LECT	*E B	3-430	TU TH	242	REV HALL
AG E	296	02916	CONF	E	ARR			
AG E	299	02931	CONF	E B	ARR			
AG M	300	03410	CONF	*E B	ARR			
AGRON	300	03733	LAB-DISC	E B	ARR			
AN S	200	04358	LAB	*E B	ARR			
ANTH	102	04899	QUIZ	*E G	11	TU	313	D H
ANTH	103	05022	QUIZ	*E G	12	TU	313	D H
ARCH	200	05677	CONF	E C	ARR			
ARCH	200	05684	CONF	E F	ARR			
ART	111	06277	DISC	*E1	4	F	207	F A B
ART	200	07564	LAB-DISC	E A	ARR		139B	F A B
BIOL	151	11374	LECT	E	11	M W F	231	N H B
BIOL	151		LAB	E	1-5	TU	102	H H
BIOL	198	11381	LECT	E A	3-5	M	384	MOR HALL
BIOL	198	11399	LECT	E B	7-9PM	M	384	MOR HALL
BIOL	198	11400	LECT	E C	7-9PM	TU	231	N H B
BIOL	198	11417	LECT	E D	7-9PM	W	231	N H B
BIOL	198	11424	LECT	E E	7-9PM	TH	231	N H B
BIOL	203	11449	LECT-DISC	E A	7-9PM	M	136	BUR HALL
BIOL	203	11456	LECT-DISC	E B	7-9PM	M	231	N H B
BIOL	203	11463	LECT-DISC	E C	7-9PM	TU	136	BUR HALL
BIOL	203	11471	LECT-DISC	E D	7-9PM	W	136	BUR HALL
BIOL	203	11488	LECT-DISC	E E	7-9PM	TH	136	BUR HALL
BIOL	251	11641	LECT	E	11	M W F	202	H H
BIOL	251		LAB	E	1-5	F	102	H H
BOT	101	11997	LAB-DISC	E A	1-3	M W F	259	N H B
BOT	293	12017	CONF	E	ARR			
B ADM	200	12526	DISC	*E B	9	W F	170	COM W
B ADM	202	12686	DISC	E N1	10-12	TU	122	D K H
B ADM	290	12889	LECT-DISC	E R	1-3	TH	96	COM W
CHEM	107	15060	QUIZ	E 29	1	M W F	193	E C
CHEM	107		LAB	E 29	8-12	M	310	C A
CHEM	107	15077	QUIZ	E 30	2	M W F	193	E C
CHEM	107		LAB	E 30	8-12	W	310	C A
CHEM	107	15084	QUIZ	E 31	10	M W F	116	E C
CHEM	107		LAB	E 31	1-5	M	310	C A
C E	214	16624	LECT-DISC	*E P	11	TU	1215	C E B
C E	214		LAB	*E P	10-12	TH	1215	C E B
C E	261	16802	LECT-DISC	*E F	2	M W F	423	E H
C E	280	16916	LECT-DISC	E E	1	M W F	8222	C E B
C S	109	19129	LECT-DISC	E U1	4	TH	161	E E B
C S	209	19225	LECT-DISC	E A	ARR			
C S	209	19232	LECT-DISC	E B	ARR			
D S	300	19613	CONF	*E B	ARR			

ECON	102	20174	LECT-DISC	*EG	3	M	W	F	140	COM	W
ECON	103	20295	LECT-DISC	*EA1	8	M	W	F	20	COM	W
ECON	108	20815	LECT-DISC	*EA	8	M	W	F	126	COM	W
ECON	108	20822	LECT-DISC	*EE	1	M	W	F	20	COM	W
ECON	172	21010	LECT-DISC	*EE1	1	M	W	F	140	COM	W
ECON	172		LAB	*EE1	1		TH	ARR			
ECON	255	21251	LECT-DISC	*EF	2	M	W	F	307	D	K H
EDPSY	211	22773	CONF	EG	3	M	W	F	162	EDUC	
E E	229	24361	DISC	*ED	8	M	W	F	162	E E	B
E E	262	24888	DISC	*EC	10	M	W	F	250	E E	B
E E	271	24895	DISC	*EB	8	M	W	F	59	E E	B
E E	296	25011	CONF	*EK1	ARR						
E E	297	25029	DISC	*EP1	2		TU	TH	170	E E	B
E E	297		LAB	*EP1	8-10		TU		50M	E E	B
E E	297	25036	DISC	*EP2	2		TU	TH	170	E E	B
E E	297		LAB	*EP2	10-12		TU		50M	E E	B
E E	297	25043	DISC	*ER1	3-5			TH	169	E E	B
E E	330	25261	DISC	*EB	8	M	W	F	59	E E	B
E E	340	25463	DISC	*ED	11	M	W	F	162	E E	B
E E	352	26024	DISC	*EP	2		TU	TH	260	E E	B
E E	352			*EP	2-5	M			251	E E	B
E E	384	26331	LECT-DISC	*EB	9	M	W	F	57	E E	B
ENG H	196	29287	LECT-DISC	E	10-12			TH	ARR		
ENG H	197	29294	LECT-DISC	E	3-430	M			235	M E	B
ENG H	297	29305	LECT-DISC	EE	11	M		F	302	T B	
ENG H	297	29312	LECT-DISC	EM	3-430		TU	TH	B222	C E	B
ENG H	297	29320	LECT-DISC	EO	ARR						
ENG H	297	29337	LECT-DISC	EP	11		TU		302	T B	
ENG H	297	29344	LECT-DISC	ES	8-10		TU	TH	206	T B	
ENG H	297	29351	LECT-DISC	EY	1-3		TU		121	AGR	ENG
ENGL	197	30418	LECT-DISC	*EG1	3-5		TU		142	ADMIN	
ENGL	197	30425	LECT-DISC	*EG2	3-5			TH	142	ADMIN	
ENGL	197	30432	LECT-DISC	*EH1	4-6		W		210A	E B	
ENGL	295	31363	LECT-DISC	*EL1	9-11			TH	210B	E B	
ENGL	295	31371	LECT-DISC	*EM1	10-12			TH	194	L H	
ENGL	295	31383	LECT-DISC	*EM2	10-12		TU		194	L H	
ENGL	297	31395	LECT-DISC	*EH	4-6	M			210A	E B	
FIN	254	32458	LECT-DISC	EG1	3	M	W	F	28	COM	W
F S	300	32839	CONF	EB	ARR						
FR	102	33909	LECT-DISC	EG	3	MTU	THF		362	ARMORY	
FR	103	34306	LECT-DISC	EB3	9	MTU	THF		204N	H H	
FR	104	34620	LECT-DISC	*ED2	11	MTU	THF		301	N L	
FR	201	35066	LECT-DISC	*EE	1	M	W	F	3	G H	
FR	211	35212	LECT-DISC	ED2	11	M	W	F	206	H H	
G E	103	36296	LAB-DISC	EG1	1-4		TU	TH	302	T B	
G E	103	36307	LAB-DISC	EG2	1-4		TU	TH	303	T B	
G E	103	36314	LAB-DISC	EG6	1-4		TU	TH	316	T B	
G E	393	36691	CONF	*EB	ARR						
GEQG	102	36823	QUIZ	*E2	8-10		W		143A	M E	B
GEQG	103	37003	LAB-DISC	*E5	10	M			175	D H	
GEQG	103			*E5	10-12		W		175	D H	
GEQG	104	37131	QUIZ	*E12	3		TU		175	D H	
GEQG	105	37221	QUIZ	*E2	10		TU		177	D H	
GEOL	101	37680	LAB-DISC	E5	1-3			TH	120	N H	B
GEOL	101	37829	LAB-DISC	E10	10-12		TU		251	N H	B
GEOL	101	37836	LAB-DISC	*E20	1-3		TU		120	N H	B
GEOL	102	37901	LAB-DISC	*E7	3-5		TU		120	N H	B
GEOL	102	37918	LAB-DISC	*E7	3-5		TU		120	N H	B
GEOL	111	38016	LAB-DISC	EA	4			TH	147	N H	B
GEOL	112	38023	LAB-DISC	EA	3			TH	147	N H	B
GEOL	290	38112	CONF	EA	ARR						
H ED	260	40957	LECT-DISC	EX1	7-9PM		W		207B	FREER	GYM
H ED	260	40964	LECT-DISC	EX2	7-9PM		W		15	E B	

HIST	111	41685	DISC	*6S	9	TU TH	313	G H
HIST	131	41888	DISC	*6S	2	TU TH	331	G H
HIST	151	42118	DISC	6S	11	TU TH	331	G H
HIST	152	42471	DISC	6S	3	M W	307	G H
HIST	293	42755	CONF	6	ARR			
HIST	295	42762	CONF	6	ARR			
H EC	291	44553	LECT-DISC	*6B	ARR			
H EC	301	44642	LAB	*6E	2-5	TU	109	C D
H EC	370	44717	LECT	*6B	3-430	TU TH	242	BEV HALL
H EC	380	44788	LAB	*6C	1-3	M W	208	BEV HALL
HORT	200	45057	CONF	*6B	ARR			
I E	296	45541	CONF	6Z	ARR			
ITAL	291	46223	CONF	6A	ARR			
L A S	197	48854	CONF	6	9	M W F	94	COM W
L A S	197		LAB	6	ARR			
MATH	120	51360	LECT-DISC	*6A1	8	MTUWTHF	259	A H
MATH	120	51377	LECT-DISC	*6C1	10	MTUWTHF	441	A H
MATH	120	51384	LECT-DISC	*6D1	11	MTUWTHF	165	A H
MATH	120	51391	LECT-DISC	*6E1	1	MTUWTHF	445	A H
MATH	135	51968	LECT-DISC	6A1	8	MTUWTHF	169	A H
MATH	135	51975	LECT-DISC	6D1	11	MTUWTHF	445	A H
MATH	142	52244	LECT-DISC	*6A1	8	M W F	345	A H
MATH	142	52251	LECT-DISC	*6D1	11	M W F	173	A H
MATH	143	52415	LECT-DISC	6C1	10	MTUWTHF	173	A H
MATH	143	52422	LECT-DISC	6E1	1	MTUWTHF	173	A H
MATH	149	52430	LECT-DISC	*6P	ARR			
MATH	149	52447	LECT-DISC	*6Q	ARR			
MATH	149	52454	LECT-DISC	*6R	ARR			
MATH	149	52461	LECT-DISC	*6S	ARR			
MATH	249	52551	LECT-DISC	*6P	ARR			
MATH	249	52568	LECT-DISC	*6Q	ARR			
MATH	249	52575	LECT-DISC	*6R	ARR			
MATH	317	52874	LECT-DISC	*6F1	2	M W F	259	A H
MATH	347	53392	LECT-DISC	*6D1	11	M W F	159	A H
MATH	349	53435	LECT-DISC	6E1	1	M W F	145	A H
M E	205	54576	LECT-DISC	6C1	10	M F	135	M E B
M E	295			6C1	10-12	M W	135	M E B
M E	271	55315	LECT-DISC	*6E1	1-3	M W F	349	M E B
M E	296	55393	CONF	6Z	ARR			
M E	297	55404	CONF	6R	3-5	TH	135	M E B
MET E	384	56253	LECT-DISC	*6B	9	M W F	57	E E B
PHIL	303	62071	DISC	*6P1	11	TU	327	G H
PHIL	303	62089	DISC	*6T1	3	TU	207	G H
P E M	260	65128	LECT-DISC	6X1	7-9PM	W	207B	FREER GYM
P E M	260	65135	LECT-DISC	6X2	7-9PM	W	15	E B
P E W	150	67296	DISC	6T4	3	TU TH	130	FREER GYM
P E W	260	67734	LECT-DISC	6X1	7-9PM	W	207B	FREER GYM
P E W	260	67741	LECT-DISC	6X2	7-9PM	W	15	E B

PHYCS 106	68245	LAB	ED3	10-12		F	264	P B
PHYCS 106		QUIZ	ED3	10-12	M		264	P B
PHYCS 106	68252	LAB	EM1	1-3	TU		264	P B
PHYCS 106		QUIZ	EM1	1-3		TH	137	P B
PHYCS 107	68619	LAB	ED2	10-12		W	262	P B
PHYCS 107		QUIZ	ED2	10-12		F	319	CER
PHYCS 107	68626	LAB	ED3	10-12		F	262	P B
PHYCS 107		QUIZ	ED3	10-12	M		139	P B
PHYCS 107	68633	LAB	EE1	1-3	M		234	P B
PHYCS 107		QUIZ	EE1	1-3		W	139	P B
PHYCS 107	68641	LAB	EK1	10-12	TU		234	P B
PHYCS 107		QUIZ	EK1	10-12		TH	232	P B
PHYCS 107	68658	LAB	EL1	10-12	TU		262	P B
PHYCS 107		QUIZ	EL1	10-12		TH	139	P B
PHYCS 107	68665	LAB	EM1	1-3	TU		234	P B
PHYCS 107		QUIZ	EM1	1-3		TH	139	P B
PHYCS 107	68672	LAB	EN2	1-3		TH	262	P B
PHYCS 107		QUIZ	EN2	1-3	TU		136	P B
PHYCS 108	68804	LAB	EL1	10-12		TH	258	P B
PHYCS 108		QUIZ	EL1	10-12	TU		258	P B
PHYCS 108	68811	LAB	EM1	1-3		TH	236	P B
PHYCS 108		QUIZ	EM1	1-3	TU		236	P B
PHYCS 303	68868	LAB	*EC	ARR				
PHYCS 304	68890	LAB	*EC	ARR				
PL PA 300	70240	CONF	*EB	ARR				
POL S 191	70734	LECT-DISC	EL	3-5	M	W	192	L H
PSYCH 100	72856	LECT	*EK	9	M	W	F	29 PSYCH BLDG
PSYCH 100	72863	LECT	*EL	11	M	W	F	29 PSYCH BLDG
PSYCH 100	72871	LECT	*EM	12	M	W	F	29 PSYCH BLDG
PSYCH 100	72888	LECT	*EN	2	M	W	F	29 PSYCH BLDG
PSYCH 201	73456	LECT	ED	10	M	W	F	29 PSYCH BLDG
PSYCH 201	73463	LECT	EE	1	M	W	F	29 PSYCH BLDG
PSYCH 216	73584	LECT	*ED	9-1020		TU	TH	29 PSYCH BLDG
PSYCH 216	73591	LECT	*EE	3	M	W	F	29 PSYCH BLDG
PSYCH 250	73787	LECT	ED	9-1020		TU	TH	17 PSYCH BLDG
PSYCH 250	73794	LECT	EE	11	M	W	F	21 PSYCH BLDG
PSYCH 250	73805	LECT	EF	2	M	W	F	17 PSYCH BLDG
PSYCH 338	74049	LECT	*ED	10	M	W	F	207 PSYCH BLDG
PSYCH 338	74056	LECT	*EE	1	M	W	F	207 PSYCH BLDG
P E W 260	75141	LECT-DISC	EX1	7-9PM		W		207B FREER GYM
P E W 260	75158	LECT-DISC	EX2	7-9PM		W		15 E B
RHET 108	77305	LECT-DISC	EA1	8	M	W	F	259 E B
RHET 108	77312	LECT-DISC	EA2	8	M	W	F	105 H H
RHET 108	77320	LECT-DISC	EB1	9	M	W	F	109 N L
RHET 108	77337	LECT-DISC	EB2	9	M	W	F	108 SURV BLDG
RHET 108	77344	LECT-DISC	EB3	9	M	W	F	241 ARMORY
RHET 108	77351	LECT-DISC	EC1	10	M	W	F	206 D K H
RHET 108	77369	LECT-DISC	EC2	10	M	W	F	241 ARMORY
RHET 108	77376	LECT-DISC	EC3	10	M	W	F	147 ARMORY
RHET 108	77383	LECT-DISC	ED1	11	M	W	F	206 D K H
RHET 108	77391	LECT-DISC	ED2	11	M	W	F	241 ARMORY
RHET 108	77401	LECT-DISC	EX1	12	M	W	F	108 SURV BLDG
RHET 108	77419	LECT-DISC	EX2	12	M	W	F	111 L H
RHET 108	77426	LECT-DISC	EX3	12	M	W	F	241 ARMORY
RHET 108	77433	LECT-DISC	EE1	1	M	W	F	206 D K H
RHET 108	77441	LECT-DISC	EE2	1	M	W	F	109 N L
RHET 108	77458	LECT-DISC	EE3	1	M	W	F	108 SURV BLDG
RHET 108	77465	LECT-DISC	EE4	1	M	W	F	325 D K H
RHET 108	77472	LECT-DISC	EF1	2	M	W	F	206 D K H
RHET 108	77480	LECT-DISC	EF2	2	M	W	F	109 N L
RHET 108	77497	LECT-DISC	EF3	2	M	W	F	108 SURV BLDG
RHET 108	77508	LECT-DISC	EF4	2	M	W	F	332 ARMORY
RHET 108	77515	LECT-DISC	EG1	3	M	W	F	109 N L
RHET 108	77522	LECT-DISC	EG2	3	M	W	F	282 BEV HALL
RHET 108	77530	LECT-DISC	EG3	3	M	W	F	206 D K H
RHET 108	77547	LECT-DISC	EG4	3	M	W	F	312 N L
RHET 108	77554	LECT-DISC	EH1	4	M	W	F	142 ADMIN
RHET 108	77561	LECT-DISC	EH2	4	M	W	F	282 BEV HALL
RHET 108	77579	LECT-DISC	EH3	4	M	W	F	206 D K H
RHET 108	77586	LECT-DISC	EH4	4	M	W	F	223 E B

RHET 108 CONTINUED									
RHET	108	77593	LECT-DISC	£J1	9-1030	TU TH	142	ADMIN	
RHET	108	77604	LECT-DISC	£J2	9-1030	TU TH	252	ADMIN	
RHET	108	77611	LECT-DISC	£J3	9-1030	TU TH	282	BEV HALL	
RHET	108	77629	LECT-DISC	£K1	1030-12	TU TH	142	ADMIN	
RHET	108	77636	LECT-DISC	£K2	1030-12	TU TH	252	ADMIN	
RHET	108	77643	LECT-DISC	£K3	1030-12	TU TH	206	D K H	
RHET	108	77651	LECT-DISC	£O1	11-1230	TU TH	137	ADMIN	
RHET	108	77668	LECT-DISC	£O2	11-1230	TU TH	205	E B	
RHET	108	77675	LECT-DISC	£O3	11-1230	TU TH	209	E B	
RHET	108	77682	LECT-DISC	£Q1	12-130	TU TH	252	ADMIN	
RHET	108	77690	LECT-DISC	£Q2	12-130	TU TH	210A	E B	
RHET	108	77701	LECT-DISC	£U1	1-230	TU TH	282	BEV HALL	
RHET	108	77718	LECT-DISC	£U2	1-230	TU TH	109	N L	
RHET	108	77725	LECT-DISC	£U3	1-230	TU TH	312	N L	
RHET	108	77732	LECT-DISC	£U4	1-230	TU TH	108	SURV BLDG	
RHET	108	77740	LECT-DISC	£W1	2-330	TU TH	206	D K H	
RHET	108	77757	LECT-DISC	£W2	2-330	TU TH	154	ADMIN	
RHET	108	77764	LECT-DISC	£Y1	230-4	TU TH	282	BEV HALL	
RHET	108	77771	LECT-DISC	£Y2	230-4	TU TH	109	N L	
RHET	108	77789	LECT-DISC	£Z1	3-430	TU TH	312	N L	
RHET	108	77796	LECT-DISC	£Z2	3-430	TU TH	108	SURV BLDG	
RUSS	101	79061	LECT-DISC	£X	12	MTUWTHF	120	COM W	
RUSS	103	79570	LECT-DISC	*£C	10	MTUWTHF	216	L H	
SE ED	240	80547	LECT-DISC	*£N1	10	TU TH	I	EDUC	
SE ED	249	80846	CONF	£	ARR				
SE ED	291	80853	CONF	£	ARR				
SE ED	292	80861	CONF	£	ARR				
SOC W	316	81275	LECT-DISC	£C	2	M W F	153	A S L	
SOC	100	81923	QUIZ	£A6	2	F	134	ARMORY	
SOC	151	82128	QUIZ	£9	3	TU TH	134	ARMORY	
SOC	151	82135	QUIZ	£20	1	TU TH	300	L H	
SOC	290	82612	CONF	£A	ARR				
SPAN	103	84168	LECT-DISC	£B	9	TUWTHF	4	G H	
SPAN	104	84232	LECT-DISC	£C	10	TUWTHF	154	ADMIN	
SPAN	291	84563	CONF	£A	ARR				
SPCH	101	85641	LECT-DISC	*£F	2	M W F	262	ARMORY	
SPCH	111	86411	DISC	£F4	2	M W F	143	A H	
SPCH	112	86501	DISC	£G	3	M W F	148	ARMORY	
SPCH	141	86735	LECT-DISC	*£F	2	M W F	255	ARMORY	
SPCH	198	86952	LECT-DISC	£C	10	M W F	1205	W OREGON	
SPCH	198	86960	LECT-DISC	£E	1	M W F	1205	W OREGON	
ZOOL	303	91565	CONF	£A	ARR				

ACCOUNTANCY

DEPARTMENT OFFICE

360 COM W

COURSES FOR UNDERGRADUATES

ACCY 101 PRINCIPLES OF ACCOUNTING I.

3 HOURS

*SECTIONS 6C AND 6D1 OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.

*SECTION D2 IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL ASSISTANCE. IT IS OPEN TO SEOP STUDENTS AND TO OTHERS ON A SPACE AVAILABLE BASIS. A ONE-HOUR WEEKLY LABORATORY MEETING MAY BE SCHEDULED AS NEEDED.

00018	LECT-DISC A	8	M W F	322	D K H
00025	LECT-DISC B	9	M W F	322	D K H
00267	LECT-DISC *6C	10	M W F	322	D K H
00274	LECT-DISC *6D1	11	M W F	322	D K H
00281	LECT-DISC *D2	11	M W F	152	COM W
00032	LECT-DISC X	12	M W F	152	COM W
00040	LECT-DISC E	1	M W F	322	D K H
00057	LECT-DISC F	2	M W F	322	D K H
00064	LECT-DISC G1	3	M W F	322	D K H
00071	LECT-DISC G2	3	M W F	215	D K H
00089	LECT-DISC H1	4	M W F	322	D K H
00096	LECT-DISC H2	4	M W F	215	D K H
00107	LECT-DISC L1	8-930	TU TH	322	D K H
00114	LECT-DISC L2	8-930	TU TH	108	D K H
00121	LECT-DISC L3	8-930	TU TH	115	D K H
00139	LECT-DISC M1	930-11	TU TH	322	D K H
00146	LECT-DISC M2	930-11	TU TH	108	D K H
00153	LECT-DISC M3	930-11	TU TH	115	D K H
00161	LECT-DISC M4	930-11	TU TH	431	ARMORY
00178	LECT-DISC N	1030-12	TU TH	240	COM W
00185	LECT-DISC P1	11-1230	TU TH	322	D K H
00192	LECT-DISC P2	11-1230	TU TH	108	D K H
00203	LECT-DISC P3	11-1230	TU TH	115	D K H
00211	LECT-DISC Q1	1230-2	TU TH	322	D K H
00228	LECT-DISC Q2	1230-2	TU TH	108	D K H
00235	LECT-DISC Q3	1230-2	TU TH	115	D K H
00242	LECT-DISC S	2-330	TU TH	322	D K H
00250	LECT-DISC T	330-5	TU TH	322	D K H

ACCY 105 PRINCIPLES OF ACCOUNTING II.

PREREQUISITE: ACCY. 101.

3 HOURS

00299	LECT-DISC A	8	M W F	215	D K H
00300	LECT-DISC B	9	M W F	215	D K H
00317	LECT-DISC C	10	M W F	215	D K H
00324	LECT-DISC D	11	M W F	215	D K H
00331	LECT-DISC X	12	M W F	215	D K H
00349	LECT-DISC E	1	M W F	215	D K H
00356	LECT-DISC F	2	M W F	215	D K H

ACCY 108 INTERMEDIATE ACCOUNTING.

PREREQUISITE: ONE YEAR OF ACCOUNTANCY, SOPHOMORE STANDING.

3 HOURS

*SECTION 6D OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.

*SECTION F IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL ASSISTANCE. IT IS OPEN TO SEOP STUDENTS AND TO OTHERS ON A SPACE AVAILABLE BASIS. A ONE-HOUR WEEKLY LABORATORY MEETING MAY BE SCHEDULED AS NEEDED.

00363	LECT-DISC A	8	M W F	108	D K H
00371	LECT-DISC B	9	M W F	108	D K H
00388	LECT-DISC C	10	M W F	108	D K H
00413	LECT-DISC *6D	11	M W F	108	D K H
00395	LECT-DISC E	1	M W F	108	D K H
00421	LECT-DISC *F	2	M W F	108	D K H
00406	LECT-DISC G	3	M W F	108	D K H

ACCY 166 COST ACCOUNTING.

PREREQUISITE: ACCY. 105.

3 HOURS

00438	LECT-DISC A	8	M W F	24	COM W
00445	LECT-DISC B	9	M W F	24	COM W
00452	LECT-DISC C	10	M W F	24	COM W

ACCY 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 00460 LECT-DISC M 9-1030 TU TH 30 COM W

COURSES FOR ADVANCED UNDERGRADUATES

ACCY 201 FUNDAMENTALS OF ACCOUNTING.
 FOR NON-COMMERCE STUDENTS ONLY.
 3 HOURS
 00477 LECT-DISC A 8 M W F 115 D K H
 00484 LECT-DISC B 9 M W F 115 D K H
 00491 LECT-DISC C 10 M W F 115 D K H
 00502 LECT-DISC D 11 M W F 115 D K H
 00510 LECT-DISC X 12 M W F 115 D K H
 00527 LECT-DISC E 1 M W F 115 D K H
 00534 LECT-DISC F 2 M W F 115 D K H
 00541 LECT-DISC G 3 M W F 115 D K H

ACCY 208 ELEMENTARY AND INTERMEDIATE ACCOUNTING.
 PREREQUISITE: JUNIOR STANDING, GENERAL UNIVERSITY AVERAGE OF 3.5,
 OR CONSENT OF THE HEAD OF THE DEPARTMENT.
 5 HOURS
 00559 LECT-DISC D 11-1230 M W F 24 COM W

ACCY 221 CURRENT ACCOUNTING TOPICS.
 PREREQUISITE: ACCY. 308.
 2 HOURS
 00566 LECT-DISC L 8-930 TU TH 215 D K H
 00573 LECT-DISC M 930-11 TU TH 215 D K H

ACCY 274 BASIC FEDERAL INCOME TAX ACCOUNTING.
 PREREQUISITE: ACCY. 105.
 3 HOURS
 00581 LECT 1 10 M W 240 COM W
 00598 LECT 2 11 M W 240 COM W
 00609 LECT-DISC P 11 TU TH 215 D K H
 00616 LECT-DISC Q 12 TU TH 215 D K H
 00623 LECT-DISC R 1 TU TH 215 D K H
 00631 LECT-DISC S 2 TU TH 215 D K H
 00648 LECT-DISC T 3 TU TH 215 D K H

ACCY 294 SENIOR RESEARCH.
 PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN
 JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
 2 TO 4 HOURS
 00655 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ACCY 308 ADVANCED ACCOUNTING.
 PREREQUISITE: ACCY. 166 AND 108, AVERAGE OF "C" OR
 BETTER IN PRECEDING COURSES IN ACCOUNTANCY.
 3 HOURS OR 3/4 UNIT
 *SECTION &E1 OPEN TO JAMES SCHOLARPS AND OTHER HONOR STUDENTS.
 00662 LECT-DISC A 8 M W F 240 COM W
 00670 LECT-DISC B 9 M W F 240 COM W
 00705 LECT-DISC *&E1 1 M W F 24 COM W
 00687 LECT-DISC E2 1 M W F 152 COM W
 00694 LECT-DISC F 2 M W F 152 COM W

ACCY 325 ACCOUNTING SYSTEM DESIGN.
 PREREQUISITE: C. S. 105, OR ITS EQUIVALENT, AND ACCY. 166.
 3 HOURS OR 3/4 UNIT
 00712 LECT-DISC A 8 M W F 152 COM W
 00720 LECT-DISC B 9 M W F 152 COM W
 00737 LECT-DISC C 10 M W F 152 COM W

ACCY 341 GOVERNMENTAL ACCOUNTING.
 PREREQUISITE: ACCY. 108.
 2 HOURS OR 1/2 UNIT
 00744 LECT-DISC R 1 TU TH 152 COM W

ACCY 362 BUSINESS BUDGETS AND ACCOUNTING CONTROL.
 PREREQUISITE: NINE HOURS OF ACCOUNTANCY, INCLUDING ACCY. 166.
 3 HOURS OR 3/4 UNIT
 00751 LECT-DISC E 1 M W F 240 COM W

ACCY 366 ADVANCED COST ACCOUNTING.
 PREREQUISITE: NINE HOURS OF ACCOUNTANCY, INCLUDING ACCY. 166.
 2 HOURS OR 1/2 UNIT
 00769 LECT-DISC N 1030-12 TU TH 30 COM W

ACCY 371 AUDITING.
 PREREQUISITE: ACCY. 308.
 3 HOURS OR 3/4 UNIT
 00776 LECT 1 10-12 F 240 COM W
 00783 LECT-DISC L 8 TU TH 24 COM W
 00791 LECT-DISC M 9 TU TH 24 COM W
 00801 LECT-DISC N 10 TU TH 24 COM W
 00819 LECT-DISC P 11 TU TH 24 COM W

ACCY 372 AUDITING PROBLEMS AND CASES.
 PREREQUISITE: ACCY. 371.
 3 HOURS OR 3/4 UNIT
 00826 LECT-DISC L 8-930 TU TH 152 COM W
 00833 LECT-DISC M 930-11 TU TH 152 COM W

ACCY 377 ADVANCED PROBLEMS.
 PREREQUISITE: SENIOR STANDING, CREDIT OR REGISTRATION IN ACCY. 371.
 3 HOURS OR 1 UNIT
 00841 LECT-DISC A 8 M W F 30 COM W
 00858 LECT-DISC B 9 M W F 30 COM W
 00865 LECT-DISC C 10 M W F 30 COM W
 00872 LECT-DISC D 11 M W F 30 COM W
 00880 LECT-DISC E 1 M W F 219 D K H
 00897 LECT-DISC F 2 M W F 24 COM W

COURSES FOR GRADUATES

ACCY 461 ADMINISTRATIVE ACCOUNTING.
 1 UNIT
 00908 LECT-DISC 2-4 TU 152 COM W

ACCY 462 MANAGEMENT ACCOUNTING.
 PREREQUISITE: AN UNDERGRADUATE COURSE IN MANAGEMENT ACCOUNTING. THE
 STUDENT'S BACKGROUND IN STATISTICS AND MATHEMATICS SHOULD BE
 EQUIVALENT TO THE UNDERGRADUATE REQUIREMENTS OF THE U OF I COLLEGE
 OF COMMERCE AND BUSINESS ADMINISTRATION IN THESE AREAS.
 1 UNIT
 00915 LECT-DISC F1 2-4 W 240 COM W
 00922 LECT-DISC F2 2-4 F 240 COM W

ACCY 474 INCOME TAX DEVELOPMENT.
 1 UNIT
 00930 LECT-DISC 2-4 TH 152 COM W

ACCY 481 CONCEPTS AND PRINCIPLES.
 1 UNIT
 00947 LECT-DISC F 2-4 M 240 COM W
 00954 LECT-DISC S 2-4 TH 240 COM W

ACCY 483 INCOME DETERMINATION.
 1 UNIT
 00961 LECT-DISC 2-4 W 30 COM W

ACCY 493 SPECIAL RESEARCH PROBLEMS.
 1/4 TO 2 UNITS
 00979 CONF 4-6 M 240 COM W
 ARR

ACCY	499	THESIS RESEARCH.						
		0 TO 4 UNITS						
	00986	DISC	4-6	W		240	COM	W
ACCY	501	ACCOUNTING ANALYSIS, I.						
		3/4 UNIT						
	00993	LECT-DISC	2-4	TU TH		30	COM	W
ACCY	503	MANAGERIAL ACCOUNTING.						
		PREREQUISITE: CREDIT OR REGISTRATION IN ACCY. 501 OR EQUIVALENT.						
		1 UNIT						
	01006	LECT-DISC	2-4	M F		30	COM	W
ACCY	566	ACCOUNTING PROBLEMS OF INDUSTRIAL MANAGEMENT.						
		1 UNIT						
	01013	LECT-DISC	4-6	TU		152	COM	W
ACCY	594	METHODS AND PRACTICES IN PROFESSIONAL RESEARCH.						
		PREREQUISITE: CANDIDACY FOR M.A.S. DEGREE.						
		1 UNIT						
	01021	LECT-DISC U1	4-6	TU		240	COM	W
	01038	LECT-DISC U2	4-6	TH		240	COM	W

ADVERTISING

DEPARTMENT OFFICE

103 G H

COURSES FOR ADVANCED UNDERGRADUATES

ADV	281	INTRODUCTION TO ADVERTISING.						
		3 HOURS						
	01045	LECT-DISC A	8	M W F		18	G H	
	01052	LECT-DISC B	9	M W F		43	G H	
	01060	LECT-DISC C	10	M W F		43	G H	
	01077	LECT-DISC D	11	M W F		43	G H	
	01084	LECT-DISC E	1	M W F		43	G H	
	01091	LECT-DISC F	2	M W F		113	G H	
	01102	LECT-DISC F1	2	M W F		43	G H	
	01110	LECT-DISC G	3	M W F		43	G H	
	01127	LECT-DISC J	830-10	TU TH		43	G H	

ADV	288	SALES WRITING.						
		SAME AS RHET. 271.						
		PREREQUISITE: RHET. 102 OR EQUIVALENT.						
		2 HOURS						
	01134	LECT-DISC C	10	M W		326	D K H	
	01141	LECT-DISC M	9	TU TH		326	D K H	
	01159	LECT-DISC P	11	TU TH		326	D K H	

ADV	291	SPECIAL PROBLEMS.						
		PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.						
		2 OR 3 HOURS						
	01166	CONF	ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ADV	309	PUBLIC RELATIONS.						
		PREREQUISITE: SENIOR STANDING IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF DEPARTMENT.						
		3 HOURS OR 1/2 UNIT						
	01173	LECT-DISC	1	M W F		221	G H	

ADV 381 ADVERTISING RESEARCH METHODS.
 PREREQUISITE: ADV. 281, A BASIC COURSE IN STATISTICAL METHODS,
 AND CONSENT OF DEPARTMENT.
 3 HOURS OR 1/2 UNIT
 *SECTION B1 IS FOR ADVERTISING MAJORS ONLY. ALL OTHER STUDENTS
 MUST ENROLL IN SECTION B2.

01181	LECT-DISC	*B1	9	M	W	F	18	G H	STEILEN
01198	LECT-DISC	*B2	9	M	W	F	18	G H	

ADV 382 ADVERTISING CREATIVE STRATEGY.
 PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
 3 HOURS OR 1/2 UNIT

01209	LECT	C	10	M	W		223	G H	WHITE
01216	LAB	C1	1-3	M			18	G H	
01223	LAB	C2	3-5		TU		18	G H	KITSON
01231	LAB	C3	1-3		TH		18	G H	
01248	LAB	C4	10-12		F		18	G H	
01255	LECT	M	10	TU	TH		215	G H	
01262	LAB	M1	1-3		TU		18	G H	
01270	LAB	M2	1-3		W		18	G H	

ADV 383 ADVERTISING MEDIA POLICY AND STRATEGY.
 PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
 3 HOURS OR 1/2 UNIT

01287	LECT-DISC	B	9	M	W	F	113	G H	BARBAN BARBAN
01294	LECT-DISC	D	11	M	W	F	113	G H	
01305	LECT-DISC	E	1	M	W	F	225	G H	

ADV 384 ADVERTISING CAMPAIGNS.
 PREREQUISITE: ADV. 382, AND 383 AND CONSENT OF DEPARTMENT.
 3 HOURS OR 1/2 UNIT
 *SECTIONS A1 AND D1 ARE FOR ADVERTISING MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTIONS A2 AND D2.
 COST OF MATERIALS WILL BE APPROXIMATELY \$10.00 PER STUDENT.

01312	LECT-DISC	*A1	8	M	W	F	43	G H	KITSON
01320	LECT-DISC	*A2	8	M	W	F	43	G H	
01337	LECT-DISC	*D1	11	M	W	F	215	G H	KITSON
01344	LECT-DISC	*D2	11	M	W	F	215	G H	

ADV 387 ADVERTISING AND PROMOTION MANAGEMENT.
 PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
 3 HOURS OR 1/2 UNIT

01351	LECT-DISC	A	8	M	W	F	113	G H	WEDDING WEDDING
01369	LECT-DISC	C	10	M	W	F	221	G H	

ADV 388 ADVERTISING IN CONTEMPORARY SOCIETY.
 PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.
 *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388
 AND 481.
 *2 HOURS OR 1/2 UNIT

01376	LECT-DISC	M	9		TU	TH	123	G H
01383	LECT-DISC	N	10		M	W	123	G H
01391	LECT-DISC	P	11		TU	TH	18	G H

ADV 389 INTERNATIONAL ADVERTISING AND PROMOTION.
 PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.
 3 HOURS OR 1/2 UNIT

01401	LECT-DISC		9	M	W	F	123	G H	DUNN
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ADV 390 ADVANCED CREATIVE STRATEGY.
 PREREQUISITE: ADV. 382 AND CONSENT OF DEPARTMENT.
 2 HOURS OR 1/2 UNIT

01419	LECT-DISC		9-11		TU	TH	18	G H	WHITE
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COURSES FOR GRADUATES

ADV 481 ADVANCED ADVERTISING PRINCIPLES.
 SAME AS COMM. 481.
 *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388
 AND 481.
 *1 UNIT

01426	LECT-DISC		3-5		W		123	G H	WEDDING
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ADV 482 RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS.
 SAME AS COMM. 482.
 PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS.
 1 UNIT
 01433 LECT-DISC 1-3 TU 123 G H

ADV 484 ADVERTISING AND CONSUMER BEHAVIOR.
 1 UNIT
 01441 LECT-DISC 3-5 TU 123 G H BARBAN

ADV 490 SPECIAL TOPICS IN ADVERTISING.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 1/2 OR 1 UNIT
 01458 CONF ARR STAFF

ADV 499 THESIS RESEARCH.
 PREREQUISITE: GRADUATE STANDING IN ADVERTISING.
 1 OR 2 UNITS
 01465 CONF ARR STAFF

AERONAUTICAL AND ASTRONAUTICAL ENGINEERING
 DEPARTMENT OFFICE 101 T B

COURSES FOR UNDERGRADUATES

A A E 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 01472 CONF A ARR

COURSES FOR ADVANCED UNDERGRADUATES

A A E 212 AERODYNAMICS, I.
 PREREQUISITE: M. E. 207, T. A. M. 156, CREDIT OR REGISTRATION
 IN MATH. 343.
 4 HOURS
 01480 LECT-DISC A 9 MTUW F 160 M E B
 01497 LECT-DISC B 11 MTUW F 204 T B
 01508 LECT-DISC C 1 MTUW F 103 T B
 01515 LECT-DISC D 3 MTUW F 204 T B

A A E 213 AERODYNAMICS, II.
 PREREQUISITE: A. A. E. 212.
 4 HOURS
 01522 LECT-DISC A 9 MTUW F 103 T B
 01530 LECT-DISC B 1 MTUW F 204 T B

A A E 224 FLIGHT STRUCTURES, I.
 PREREQUISITE: T. A. M. 156 AND MATH. 345.
 4 HOURS
 01547 LECT-DISC A 11 MTUW F 103 T B
 01554 LECT-DISC B 10 MTUW F 141 A H
 01561 LECT-DISC C 2 MTUW F 103 T B

A A E 225 FLIGHT STRUCTURES, II.
 PREREQUISITE: A. A. E. 224.
 4 HOURS
 01579 LECT-DISC A 11 MTUW F 203 T B
 01586 LECT-DISC B 2 MTUW F 160 M E B

A A E 233 AIRCRAFT PROPULSION.
 PREREQUISITE: A. A. E. 212.
 3 HOURS
 01593 LECT-DISC A 8 M W F 103 T B
 01604 LECT-DISC B 10 M W F 203 T B

A A E 241 FLIGHT VEHICLE DESIGN.

PREREQUISITE: A. A. E. 213, 225, 233, 255, C. S. 101.

3 HOURS

01611	LECT-DISC	A	3-5	TU TH	214	C E R
		A	10-12	S	203	T B
01629	LECT-DISC	B	3-5	M W	103	T B
		B	10-12	S	204	T B
01636	LECT-DISC	C	1-3	TU TH	214	C E R
		C	8-10	S	203	T B
01643	LECT-DISC	D	8-10	TU TH S	214	C E R

A A E 254 AEROSPACE DYNAMIC SYSTEMS, I.

PREREQUISITE: MATH. 345 OR 349.

3 HOURS

01651	LECT-DISC	A	10	M W F	214	C E R
01668	LECT-DISC	B	2	M W F	214	C E R
01675	LECT-DISC	C	8	M W F	214	C E R
01682	LECT-DISC	D	11	M W F	214	C E R

A A E 255 AEROSPACE DYNAMIC SYSTEMS, II.

PREREQUISITE: A. A. E. 254.

4 HOURS

01690	LECT-DISC	A	10	MTUW F	103	T B
01701	LECT-DISC	B	8	MTUW F	204	T B

A A E 260 AEROSPACE LABORATORY, I.

PREREQUISITE: A. A. E. 213, 225, 233 AND 255.

2 HOURS

01718	LECT-DISC	L 1	2	TU	204	T B
	LAB	L 1	3-5	M	104	AERO LAB B
01725	LECT-DISC	L 2	2	TU	204	T B
	LAB	L 2	3-5	TU	104	AERO LAB B
01732	LECT-DISC	L 3	2	TU	204	T B
	LAB	L 3	3-5	W	104	AERO LAB B
01740	LECT-DISC	L 4	2	TU	204	T B
	LAB	L 4	3-5	TH	104	AERO LAB B
01757	LECT-DISC	L 5	1	TH	204	T B
	LAB	L 5	3-5	M	104	AERO LAB B
01764	LECT-DISC	L 6	1	TH	204	T B
	LAB	L 6	3-5	TU	104	AERO LAB B
01771	LECT-DISC	L 7	1	TH	204	T B
	LAB	L 7	3-5	W	104	AERO LAB B
01789	LECT-DISC	L 8	1	TH	204	T B
	LAB	L 8	3-5	TH	104	AERO LAB B
01796	LECT-DISC	L 9	2	TH	204	T B
	LAB	L 9	3-5	M	104	AERO LAB B
01807	LECT-DISC	L10	2	TH	204	T B
	LAB	L10	3-5	TU	104	AERO LAB B
01814	LECT-DISC	L11	2	TH	204	T B
	LAB	L11	3-5	W	104	AERO LAB B
01821	LECT-DISC	L12	2	TH	204	T B
	LAB	L12	3-5	TH	104	AERO LAB B

A A E 263 AEROSPACE LABORATORY, II.

PREREQUISITE: A. A. E. 260.

2 HOURS

01839	LAB	ARR
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A A E 271 PRINCIPLES OF AUTOMATIC CONTROL.

PREREQUISITE: MATH. 345 OR 349.

3 HOURS

01846	LECT-DISC	A	9	M W F	214	C E R
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A A E 292 SEMINAR.

PREREQUISITE: SENIOR STANDING.

1 HOUR

01853	DISC	A	8	TU	203	T B
01861	DISC	B	10	TH	204	T B
01878	DISC	C	8	TH	204	T B
01885	DISC	D	9	TU	204	T B
01892	DISC	E	10	TU	204	T B
01903	DISC	F	11	TH	204	T B
01911	DISC	G	9	TH	204	T B
01928	DISC	H	11	TH	203	T B

A A E 296 HONORS PROJECT.
 PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 01935 CONF A ARR

A A E 297 HONORS SEMINAR.
 PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 01942 CONF A ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

A A E 306 FOUNDATIONS OF MECHANICS AND GRAVITATIONAL THEORY.
 SAME AS ASTR. 306.
 PREREQUISITE: MATH. 142 OR 143.
 3 HOURS OR 1 UNIT
 01950 LECT 11 M W F 160 M E B AVNER

A A E 311 AERODYNAMICS OF COMPRESSIBLE FLUIDS.
 PREREQUISITE: A. A. E. 213.
 3 HOURS, OR 3/4 OR 1 UNIT
 01967 LECT-DISC A 3-430 M W 202 T B ORMSBEE

A A E 317 ELEMENTS OF MAGNETOHYDRODYNAMICS.
 SAME AS ASTR. 317.
 PREREQUISITE: A. A. E. 212 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 01974 LECT-DISC A 9 M W F 203 T B BOND

A A E 326 THEORY OF CONTINUOUS MEDIA.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 01981 LECT-DISC A 8 M W F 203 T B HILTON

A A E 334 ROCKET PROPULSION AND ROCKETRY.
 PREREQUISITE: FIRST COURSE IN THERMODYNAMICS OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 01999 LECT-DISC A 1 M W F 214 C E R KRIER

A A E 351 AEROELASTICITY AND AEROINELASTICITY.
 PREREQUISITE: A. A. E. 255.
 3 HOURS OR 1 UNIT
 02001 LECT-DISC A 1-230 TU TH 202 T B ZAK

A A E 391 SPECIAL PROBLEMS.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING, CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS, OR 1/2 OR 1 UNIT
 02019 LECT-DISC A ARR STAFF
 02026 LAB B ARR STAFF
 02033 LECT-DISC C 3-430 TU TH 103 T B VAN TASSELL

COURSES FOR GRADUATES

A A E 414 BOUNDARY LAYER THEORY.
 PREREQUISITE: A. A. E. 213.
 1 UNIT
 02041 LECT-DISC A 1 M W F 202 T B YEN

A A E 417 FUNDAMENTALS OF GAS KINETICS.
 PREREQUISITE: A. A. E. 213 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
 1 UNIT
 02058 LECT-DISC A 2 M W F 204 T B SENTMAN

A A E 428 THEORY OF LARGE DEFORMATIONS IN NONLINEAR CONTINUOUS MEDIA.
 PREREQUISITE: A. A. E. 326 OR EQUIVALENT.
 1 UNIT
 02065 LECT-DISC A 10 M W F 204 T B HILTON

A A E 438		FUNDAMENTALS OF COMBUSTION.					
		SAME AS M. E. 403.					
		PREREQUISITE: A. A. E. 213 OR M. E. 305.					
		1 UNIT					
02072	LECT-DISC	A	9	M W F	204	T B	STREHLOW
A A E 452		STOCHASTIC STRUCTURAL DYNAMICS.					
		SAME AS T. A. M. 417.					
		PREREQUISITE: A. A. E. 255 OR T. A. M. 412, OR EQUIVALENT.					
		1 UNIT					
02080	LECT-DISC	A	930-11	TU TH	203	T B	LIN
A A E 490		SEMINAR.					
		PREREQUISITE: GRADUATE STANDING IN AERONAUTICAL AND ASTRONAUTICAL ENGINEERING.					
		0 CREDIT					
02097	CONF	A	4	F	103	T B	SIVIER
A A E 493		SPECIAL PROBLEMS.					
		1 OR 2 UNITS					
02108	CONF	A	ARR				
A A E 499		THESIS RESEARCH.					
		0 TO 4 UNITS					
02115	CONF	A	ARR				STAFF
02122	CONF	CEB	ARR				BOND
02130	CONF	HOB	ARR				BARTHEL
02147	CONF	JAB	ARR				BENNETT
02154	CONF	BLH	ARR				HICKS
02161	CONF	HHH	ARR				HILTON
02179	CONF	HWK	ARR				KNOEBEL
02186	CONF	HK	ARR				KRIER
02193	CONF	YKL	ARR				LIN
02204	CONF	RWM	ARR				MCCLOY
02211	CONF	AIO	ARR				ORMSBEE
02229	CONF	JEP	ARR				PRUSSING
02236	CONF	RRR	ARR				REGL
02243	CONF	SNR	ARR				ROSCOE
02251	CONF	LHS	ARR				SENTMAN
02268	CONF	KRS	ARR				SIVIER
02275	CONF	RAS	ARR				STREHLOW
02282	CONF	HSS	ARR				STILLWELL
02290	CONF	WFV	ARR				VAN TASSELL
02301	CONF	SMY	ARR				YEN
02318	CONF	ARZ	ARR				ZAK

AGRICULTURAL ECONOMICS

DEPARTMENT OFFICE

305 M H

COURSES FOR UNDERGRADUATES

AG EC 100 INTRODUCTORY AGRICULTURAL ECONOMICS.

3 HOURS

02325	LECT-DISC	A	8	M	W	F	320	M H
02332	LECT-DISC	B1	9	M	W	F	W115	T H
02340	LECT-DISC	B2	9	M	W	F	N107	T H
02357	LECT-DISC	C1	10	M	W	F	N107	T H

AG EC 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

SECTION A: COMMODITY FUTURES TRADING; THEORY AND PRACTICE; 3 HOURS.

02364	CONF	A	8	M	W	F	242	BEV HALL	HIERONYMUS
02371	CONF	B	ARR						

COURSES FOR ADVANCED UNDERGRADUATES

AG EC 200 PROBLEMS IN AGRICULTURAL ECONOMICS.

PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE. 1 TO 5 HOURS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--AGRICULTURAL MARKETING AND PRICES

B--STATISTICAL ANALYSIS

C--FARM MANAGEMENT AND LAND ECONOMICS

D--RURAL ORGANIZATION

E--AGRICULTURAL LAW

F--AGRICULTURAL POLICY AND ECONOMIC DEVELOPMENT

G--AGRICULTURAL FINANCE

*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

02396	CONF	A	ARR
02407	CONF	B	ARR
02414	CONF	C	ARR
02421	CONF	D	ARR
02439	CONF	E	ARR
02446	CONF	F	ARR
02453	CONF	G	ARR
02389	CONF	*&B	ARR

AG EC 203 FARM TAXATION.

2 HOURS

02461	LECT-DISC	M	9	TU TH	144	BEV HALL	KRAUSZ
02478	LECT-DISC	P	11	TU TH	242	BEV HALL	KRAUSZ

AG EC 220 FARM MANAGEMENT.

PREREQUISITE: AG. EC. 100 OR ECON. 108.

FIELD TRIPS, ESTIMATED EXPENSE, \$3.

3 HOURS

02485	LECT-DISC	A	8	M	W	F	316S	M H
02492	LECT-DISC	B	9	M	W	F	316N	M H
02503	LECT-DISC	C	10	M	W	F	313	M H
02511	LECT-DISC	D	11	M	W	F	320	M H

AG EC 230 MARKETING OF AGRICULTURAL PRODUCTS.

FIELD TRIP, ESTIMATED EXPENSE, \$3.

3 HOURS

02528	LECT-DISC	E	1	M	W	F	313	M H	ROUSH
02535	LECT-DISC	F	2	M	W	F	313	M H	ROUSH
02542	LECT-DISC	G	3	M	W	F	313	M H	ROUSH

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG EC 301	ECONOMICS OF AGRICULTURAL DEVELOPMENT.								
	PREREQUISITE: ECON. 103 OR 108.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02550	LECT-DISC A	8		M W F		316N M H			THOMPSON & DUE
AG EC 302	FINANCING AGRICULTURE.								
	PREREQUISITE: ECON. 102 AND 103, OR 108.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02567	LECT-DISC B	9		M W F		320 M H			HOPKIN
02574	LECT-DISC C	10		M W F		320 M H			HOPKIN
AG EC 303	AGRICULTURAL LAW.								
	PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02581	LECT-DISC D	11		M W F		W115 T H			HANNAH
02599	LECT-DISC E	1		M W F		316S M H			KRAUSZ
AG EC 305	AGRICULTURAL POLICIES AND PROGRAMS.								
	PREREQUISITE: ECON. 108.								
	FIELD TRIP, COST, \$10.00.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02600	LECT-DISC M	9		TU		316N M H			SPITZE
	M	8-10		TH		316N M H			
AG EC 318	LAND ECONOMICS.								
	PREREQUISITE: FOR UNDERGRADUATES, ECON. 103 OR 108; FOR GRADUATES, CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02617	LECT-DISC F	2		M W F		316N M H			DOVRING
AG EC 324	FARM OPERATION.								
	PREREQUISITE: AG. EC. 220.								
	FIELD TRIPS, ESTIMATED EXPENSE, \$5.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02624	LECT-DISC P	11		TU		W115 T H			VANARSDALL
	P	10-12		TH		W115 T H			VANARSDALL
AG EC 325	ADVANCED FARM MANAGEMENT.								
	PREREQUISITE: AG. EC. 220.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02631	LECT-DISC D	11		M W F		313 M H			MUELLER
02649	LECT-DISC F	2		M W F		320 M H			MUELLER
AG EC 331	GRAIN MARKETING.								
	PREREQUISITE: AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.								
	FIELD TRIPS, ESTIMATED EXPENSE, \$10.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02656	LECT-DISC L	8-10		TU TH		313 M H			BROOKS AND
02663	LECT-DISC S	2-4		TU TH		313 M H			HIERONYMUS
AG EC 341	AGRICULTURAL ECONOMIC STATISTICS.								
	PREREQUISITE: MATH. 111 OR 112 OR EQUIVALENT.								
	3 HOURS, OR 3/4 OR 1 UNIT								
02671	LECT-DISC B	9		M W F		313 M H			SCOTT
AG EC 352	ECONOMIC DEVELOPMENT IN LATIN AMERICA.								
	SAME AS ECON. 352.								
	PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
02688	LECT-DISC L	8-10		TU TH		111 D K H			
AG EC 370	FAMILY ECONOMICS.								
	SAME AS H. EC. 370.								
	PREREQUISITE: ECON. 102 OR 108, A COURSE IN APPLIED STATISTICS, SENIOR STANDING.								
	3 HOURS, OR 3/4 OR 1 UNIT								
	*SECTION 8B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.								
02695	LECT A	3-430		TU TH		242 BEV HALL			DUNISING
02706	LECT *8B	3-430		TU TH		242 BEV HALL			DUNISING

COURSES FOR GRADUATES

AG EC 405	ECONOMIC POLICIES AND PROGRAMS AFFECTING AGRICULTURE.					
	PREREQUISITE: ONE SEMESTER OF GRADUATE WORK OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
02713	LECT-DISC	M	830-10	TU TH	320 M H	
AG EC 406	RESEARCH METHODOLOGY IN AGRICULTURAL ECONOMICS.					
	PREREQUISITE: ECON. 400 OR 401, OR A COURSE OF COMPARABLE LEVEL IN THE BASIC FIELD RELATED TO THE STUDENTS RESEARCH.					
	1 UNIT					
02721	LECT-DISC	S	130-3	TU TH	316S M H	BAKER
AG EC 425	FARM MANAGEMENT PRINCIPLES.					
	FIELD TRIP, ESTIMATED EXPENSE, \$8.					
	1 UNIT					
02738	LECT-DISC	N	10-12	TU TH	320 M H	SCOTT
AG EC 441	AGRICULTURAL STATISTICS.					
	PREREQUISITE: AN ELEMENTARY COURSE IN STATISTICS.					
	1 UNIT					
02745	LECT-DISC	D	11	M W F	316S M H	
AG EC 470	SEMINAR IN FAMILY AND CONSUMPTION ECONOMICS.					
	SAME AS H. EC. 470.					
	PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN STATISTICS, AG.EC. 370 OR CONSENT OF INSTRUCTOR.					
	1/2 OR 1 UNIT					
02752	DISC		ARR		154 BEV HALL	DUNNING
AG EC 491	SEMINAR AND SPECIAL TOPICS.					
	ALL GRADUATE STUDENTS MAJORING IN AGRICULTURAL ECONOMICS MUST REGISTER IN THE NON-CREDIT SECTION OF THIS COURSE.					
	0 TO 2 UNITS					
	*SECTION A IS FOR STUDENTS NOT ENROLLED FOR CREDIT.					
	*SECTION B IS FOR STUDENTS RECEIVING INDIVIDUAL INSTRUCTION.					
	*SECTION C IS FOR STUDENTS RECEIVING GROUP INSTRUCTION.					
02760	LECT-DISC	*A	ARR			STAFF
02777	CONF	*B	ARR			STAFF
02784	LECT-DISC	*C	ARR			STAFF
AG EC 499	THESIS RESEARCH.					
	0 TO 4 UNITS					
02791	CONF		ARR			STAFF

AGRICULTURAL ENGINEERING
INCLUDING AGRICULTURAL MECHANIZATION

DEPARTMENT OFFICE

245 AGR ENG

COURSES FOR UNDERGRADUATES

AG E	146	FARM TRACTORS.									
		PREREQUISITE: SOPHOMORE STANDING IN ENGINEERING.									
		2 HOURS									
	02802	LECT		8	TU TH	240	AGR ENG			HALL	
	02810	LAB	1	3-5	TU	132	AGR ENG				
	02827	LAB	2	3-5	TH	132	AGR ENG				
AG E	199	UNDERGRADUATE OPEN SEMINAR.									
		*MAY BE REPEATED.									
		*0 TO 9 HOURS									
	02834	CONF		ARR						STAFF	

COURSES FOR ADVANCED UNDERGRADUATES

AG E	276	DESIGN OF FARM STRUCTURES.									
		PREREQUISITE: T. A. M. 221.									
		3 HOURS									
	02841	LECT		1	TU TH	240	AGR ENG			DAY	
	02859	LAB	1	3-5	TH	209	AGR ENG				
	02866	LAB	2	3-5	F	209	AGR ENG				
AG E	277	DESIGN OF CONCRETE AND STEEL STRUCTURES FOR AGRICULTURE.									
		PREREQUISITE: C. E. 261.									
		3 HOURS									
	02873	LECT		2	M W	218	AGR ENG			CURTIS	
		LAB		1-3	F	218	AGR ENG				
AG E	286	ELECTRICITY IN AGRICULTURE.									
		PREREQUISITE: MATH. 142 OR 143 AND PHYCS. 107.									
		2 HOURS									
	02881	LECT		3	M F	240	AGR ENG			HALL	
	02898	LAB-DISC	1	1-3	W	221	AGR ENG				
	02909	LAB-DISC	2	3-5	W	221	AGR ENG				
AG E	296	HONORS PROJECT.									
		PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.									
		1 TO 4 HOURS									
	02916	CONF	6	ARR						STAFF	
AG E	299	UNDERGRADUATE THESIS.									
		PREREQUISITE: AG. E. 298 AND SENIOR STANDING IN ENGINEERING.									
		2 TO 4 HOURS									
	02923	CONF	A	ARR						STAFF	
	02931	CONF	6B	ARR							

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG E	311	INSTRUMENTATION AND MEASUREMENTS.									
		SAME AS M. E. 311.									
		PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.									
		3 OR 4 HOURS, OR 3/4 OR 1 UNIT									
	02948	LECT		9	M W F	132	AGR ENG			YOERGER	
	02955	LAB	1	2-4	W	121	AGR ENG				
	02962	LAB	2	8-10	TH	121	AGR ENG				
AG E	340	INTRODUCTION TO APPLIED STATISTICS.									
		SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340.									
		PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.									
		4 HOURS OR 3/4 UNIT									
	02970	LECT		9	TU TH	W109	T H			SEIF	
	02987	LAB-DISC	1	1-3	TU	W223	T H				
	02994	LAB-DISC	2	3-5	TU	W223	T H				
	03007	LAB-DISC	3	1-3	W	W223	T H				
	03014	LAB-DISC	4	3-5	W	W223	T H				

AG E	346	TRACTORS AND PRIME MOVERS.								
		PREREQUISITE: M. E. 209, AG. E. 146 OR EQUIVALENT.								
		3 HOURS OR 3/4 UNIT								
	03021	LECT-DISC	4	M	F	218	AGR ENG		WEBER	
		LAB	3-6		W		TRACTOR LAB			
AG E	357	LAND DRAINAGE.								
		PREREQUISITE: T. A. M. 235.								
		3 HOURS OR 3/4 UNIT								
	03039	LECT-DISC	11		W F	218	AGR ENG		JONES	
		LAB	2-5		TU	209	AGR ENG			
AG E	396	SPECIAL PROBLEMS.								
		PREREQUISITE: SENIOR STANDING IN ENGINEERING.								
		1 TO 4 HOURS, OR 1/4 TO 1 UNIT								
	03046	CONF							LANHAM & STAFF	

COURSES FOR GRADUATES

AG E	400	RESEARCH ORIENTATION.								
		0 CREDIT								
	03053	LECT-DISC	2		TH	240	AGR ENG		GRADUATE STAFF	
AG E	496	PROBLEMS IN AGRICULTURAL ENGINEERING.								
		PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.								
		1 UNIT								
	03061	CONF			ARR				GRADUATE STAFF	
AG E	499	THESIS RESEARCH.								
		0 TO 4 UNITS								
	03078	CONF	B1		ARR				BEATY	
	03085	CONF	B2		ARR				BUTLER	
	03092	CONF	C		ARR				CURTIS	
	03103	CONF	D		ARR				DAY	
	03111	CONF	H1		ARR				HALL	
	03128	CONF	H2		ARR				HANSEN	
	03135	CONF	H3		ARR				HOAG	
	03142	CONF	H4		ARR				HUNT	
	03150	CONF	J		ARR				JONES	
	03167	CONF	L1		ARR				LANHAM	
	03174	CONF	L2		ARR				LEMBKE	
	03181	CONF	N		ARR				NAVE	
	03199	CONF	O		ARR				OLVER	
	03200	CONF	P		ARR				PUCKETT	
	03217	CONF	S1		ARR				SIEMENS	
	03224	CONF	S2		ARR				SHOVE	
	03231	CONF	W		ARR				WEBER	
	03249	CONF	Y		ARR				YOERGER	

AGRICULTURAL MECHANIZATION
DEPARTMENT OF AGRICULTURAL ENGINEERING

COURSES FOR UNDERGRADUATES

AG M	100	ENGINEERING APPLICATIONS IN AGRICULTURE.										
		PREREQUISITE: MATH. 111, 112, 104 OR EQUIVALENT.										
		3 HOURS										
	03256	LECT		10	M	F	240	AGR	ENG		OLVER	
	03263	LAB-DISC	1	3-5	M		132	AGR	ENG			
	03271	LAB-DISC	2	8-10	TU		132	AGR	ENG			
	03288	LAB-DISC	3	1-3	TU		132	AGR	ENG			
	03295	LAB-DISC	4	10-12	W		132	AGR	ENG			
AG M	199	UNDERGRADUATE OPEN SEMINAR.										
		*MAY BE REPEATED.										
		*0 TO 9 HOURS										
	03306	CONF		ARR							STAFF	

COURSES FOR ADVANCED UNDERGRADUATES

AG M	200	AGRICULTURAL MECHANICS SHOP: CONSTRUCTION TECHNOLOGY. PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR. 3 HOURS *10-WEEK COURSE FOR STUDENTS ENROLLED IN PRACTICE TEACHING ONLY.										ESPENSCHIED
	03313	LAB	*1	1-3	MTU THF	VOC AGR SHOP						
AG M	201	AGRICULTURAL MECHANICS SHOP: ELECTRICAL AND METAL WORK. PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR. 3 HOURS										ESPENSCHIED
	03321	LECT		3		F	132	AGR ENG				
		LAB		3-5	M W		VOC AGR SHOP					
AG M	221	FARM POWER AND MACHINERY MANAGEMENT. PREREQUISITE: AG. M. 100. *CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN AG. M. 112. *4 HOURS										HOAG
	03338	LECT-DISC		9	M W F		240	AGR ENG				
	03345	LAB	1	10-12	TU		132	AGR ENG				
	03352	LAB	2	1-3	TH		132	AGR ENG				
AG M	231	FARM MACHINERY MECHANISMS. PREREQUISITE: AG. M. 221. FIELD TRIP, ESTIMATED COST, \$12.00. 3 HOURS										HUNT
	03360	LECT-DISC		2	M W		240	AGR ENG				
		LAB		1-3		F	132	AGR ENG				
AG M	281	FARMSTEAD MECHANIZATION. PREREQUISITE: AG. M. 100 OR 201. 3 HOURS										HALL
	03377	LECT		10	TU TH		240	AGR ENG				
	03384	LAB	1	1-3	TU		221	AGR ENG				
	03391	LAB	2	1-3	TH		221	AGR ENG				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG M	300	SPECIAL PROBLEMS. PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; SENIOR STANDING; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION. 1 TO 4 HOURS, OR 1/4 TO 1 UNIT *SECTION 68 IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.										
	03402	CONF	A	ARR								STAFF
	03410	CONF	*68	ARR								

AGRICULTURE

COURSES FOR UNDERGRADUATES

AGR	100	AGRICULTURE IN MODERN SOCIETY. REQUIRED OF ALL FRESHMEN IN AGRICULTURE. 1 HOUR						
	03427	LECT-DISC	1	TU	141	COM W	GARDNER	
AGR	114	AGRICULTURAL JOURNALISM. SAME AS JOURN. 114. 3 HOURS						
	03434	LECT-DISC	10	TU TH	313	M H	EVANS	
	03441	LAB	1	TH	442	M H		
	03459	LAB	2	TH	442	M H		
	03466	LAB	3	TH	442	M H		
AGR	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS TOPIC: FUNCTIONAL COMMUNICATIONS. 1 OR 2 HOURS.						
	03473	CONF	A	9	TU TH	316S	M H	STAFF
	03481	CONF	B	10	TU TH	218	AGR ENG	STAFF
	03498	CONF	C	3	M W	316N	M H	STAFF
	03509	CONF	C1	3	M W	316S	M H	STAFF
	03516	CONF	D	4	TU TH	316N	M H	STAFF
	03523	CONF	D1	4	TU TH	316S	M H	STAFF
	03531	CONF	E	7-840PM	W	316N	M H	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

AGR	206	COOPERATIVE EXTENSION WORK.						
		PREREQUISITE: AGR. 114 AND A COURSE IN SOCIOLOGY OR CONSENT OF INSTRUCTOR.						
		3 HOURS						
	03548	LECT-DISC	10	TU TH	316S M H	ANDERSON AND KAISER		
			11	TH	316S M H			
AGR	280	AGRICULTURE JUNIOR-SENIOR SEMINAR.						
		1 HOUR						
	03555	LECT-DISC	4	TH	W109 T H	WESSELS		

AGRONOMY

DEPARTMENT OFFICE

W201 T H

COURSES FOR UNDERGRADUATES

AGRON 101	INTRODUCTORY SOILS.										
	PREREQUISITE: CHEM. 101, 111, OR FORMER 102; CREDIT OR REGISTRATION IN GEOL. 105.										
	4 HOURS										
03562	LECT		10	M	W	F	W109	T	H	HASSETT	
03570	LAB	1	1-4	TU			W	1	T		H
03587	LAB	2	1-4		W		W	1	T		H
03594	LAB	3	1-4			TH	W	1	T		H
03605	LAB	4	1-4			F	W	1	T		H
AGRON 110	PLANT AND ANIMAL GENETICS.										
	SAME AS AN. S., D. S., AND HORT. 110.										
	PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.										
	3 HOURS										
	*FOR VETERINARY MEDICINE STUDENTS ONLY.										
03612	LECT		2	M	W		W109	T	H	ALEXANDER AND OTHERS	
03620	LAB	1	1-3	TU			W	13	T		H
03637	LAB	2	3-5	TU			W	13	T		H
03644	LAB	3	1-3			TH	W	13	T		H
03651	LAB	*4	3-5	M			W	13	T		H
03669	LAB	*5	2-4			F	W	13	T		H

AGRON 121 PRINCIPLES OF FIELD CROP SCIENCE.

4 HOURS

INDEPENDENT STUDY IN LEARNING CENTER (W 25 T. H.) FOR TWO HOURS
PER WEEK TO BE SCHEDULED BY THE STUDENT.

03676	LECT	1	8	M	W	F	W109	T	H	BURGER
03683	LAB	1	10-12	TU			W 13	T	H	
03691	LAB	2	1-3		W		W 13	T	H	
03701	LAB	3	3-5		W		W 13	T	H	
03719	LAB	4	10-12	TH			W 13	T	H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AGRON 300 ADVANCED SPECIAL PROBLEMS.

PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5; NOT OPEN TO STUDENTS
ON PROBATION; CONSENT OF THE INSTRUCTOR. APPROVAL OF
AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE
ENROLLMENT AND REGISTRATION.

*CREDIT IS NOT GIVEN TO GRADUATE STUDENTS MAJORING IN AGRONOMY.

*1 TO 5 HOURS, OR 1/2 UNIT TO 2 UNITS

SECTION 8B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
INSTRUCTOR.

03726	LAB-DISC	A	ARR							STAFF
03733	LAB-DISC	8B	ARR							STAFF

AGRON 303 SOIL FERTILITY AND FERTILIZERS.

PREREQUISITE: AGRON. 101.

3 HOURS OR 3/4 UNIT

03741	LECT-DISC		9	M	W	F	W109	T	H	WELCH
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AGRON 305 BIOCHEMICAL PROCESSES IN SOIL AND WATER ENVIRONMENTS.

PREREQUISITE: MCBIO. 100 AND CHEM. 102.

3 HOURS OR 3/4 UNIT

03758	LECT-DISC		1-3	TU			N107	T	H	MOLINA
			1		TH		N107	T	H	STEVENSON

AGRON 323 PRINCIPLES OF PLANT BREEDING.

SAME AS HORT. 323.

PREREQUISITE: BOT. 100, AGRON. 110 OR EQUIVALENT.

FIELD TRIP, ESTIMATED COST \$5.00.

4 HOURS OR 1 UNIT

03765	LECT-DISC		10	M	W	F	W115	T	H	LAMBERT,
	LAB		1-3		TH		W121	T	H	MILLER

AGRON 326 WEEDS AND THEIR CONTROL.

PREREQUISITE: AGRON. 121.

3 HOURS OR 3/4 UNIT

03772	LECT-DISC		8-10	TU	TH		W115	T	H	MC GLAMERY
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AGRON 340 INTRODUCTION TO APPLIED STATISTICS.

SAME AS AG. E., AN. S., D. S., F. S., FOR., HORT., AND
V. M. S. 340.

PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.

4 HOURS OR 3/4 UNIT

03780	LECT		9	TU	TH		W109	T	H	SEIF
03797	LAB-DISC	1	1-3	TU			W223	T	H	
03808	LAB-DISC	2	3-5	TU			W223	T	H	
03815	LAB-DISC	3	1-3		W		W223	T	H	
03822	LAB-DISC	4	3-5		W		W223	T	H	

AGRON 365 DIGITAL COMPUTER METHODS FOR STATISTICAL DATA PROCESSING.

SAME AS C. S. 365

PREREQUISITE: C. S. 101, 103, 107, OR 121, AND A COURSE IN
STATISTICS OR STATISTICAL METHODS, OR EQUIVALENT, OR CONSENT OF
INSTRUCTOR.

3 HOURS OR 1 UNIT

03830	LECT-DISC		11	M	W	F	W223	T	H	CARMER
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COURSES FOR GRADUATES

AGRON 400	SEMINAR.									
	REQUIRED OF ALL GRADUATE MAJORS IN AGRONOMY.									
	PREREQUISITE: GRADUATE STANDING.									
	0 CREDIT									
03847	LAB-DISC	C	3		W		N107	T H		JACKOBS
03854	LAB-DISC	G	4		W		N107	T H		BERNARD
03861	LAB-DISC	S	4		TU		W109	T H		MOLINA
03879	LAB-DISC	PP	12		TH		113	D H		HARPER
AGRON 402	THE CHEMISTRY OF SOIL FERTILITY.									
	PREREQUISITE: AGRON. 101 AND CHEM. 122.									
	1 UNIT									
03886	LECT		8		M	W F	W223	T H		MELSTED
AGRON 403	GENESIS, MORPHOLOGY, AND CLASSIFICATION OF SOILS.									
	PREREQUISITE: AGRON. 301 OR CONSENT OF INSTRUCTOR.									
	1 UNIT									
03893	LECT-DISC	APR								FEHRENBACHER
AGRON 411	SOIL PHYSICS.									
	PREREQUISITE: ONE YEAR OF CALCULUS.									
	1 UNIT									
03904	LECT-DISC		10-12		TU TH		W223	T H		STAFF
AGRON 429	THE EVOLUTION OF AGRICULTURAL ECONOMIES.									
	SAME AS ANTH. AND GEOG. 429.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1 UNIT									
	TOPIC: AGRICULTURAL ORIGINS--SOUTH AMERICA.									
03911	CONF	ARR								LENG
AGRON 444	QUANTITATIVE ASPECTS OF PLANT BREEDING.									
	PREREQUISITE: AGRON. 323 OR EQUIVALENT; AGRON. 441 OR EQUIVALENT.									
	1 UNIT									
03929	LECT		8		M	W F	N107	T H		DUDLEY
AGRON 462	ORIGIN OF VARIATION IN PLANTS.									
	SAME AS BOT. 462.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1 UNIT									
03936	LECT	ARR								DE WET
AGRON 493	ADVANCED STUDIES IN AGRONOMY.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1/4 TO 2 UNITS									
	WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:									
	A--SOIL CHEMISTRY.									
	B--SOIL FERTILITY.									
	C--SOIL PHYSICS.									
	D--SOIL CLASSIFICATION AND PEDOLOGY.									
	E--SOIL MINERALOGY.									
	F--SOIL MICROBIOLOGY.									
	G--PLANT BREEDING AND GENETICS.									
	H--PLANT PHYSIOLOGY.									
	I--WEED CONTROL.									
	J--CROP MORPHOLOGY.									
	K--CROP PRODUCTION AND ECOLOGY.									
	L--STATISTICAL TECHNIQUES AND DATA PROCESSING.									
03943	CONF	A	ARR							STAFF
03951	CONF	B	ARR							STAFF
03968	CONF	C	ARR							STAFF
03975	CONF	D	ARR							STAFF
03982	CONF	E	ARR							STAFF
03990	CONF	F	ARR							STAFF
04002	CONF	G	ARR							STAFF
04010	LECT-DISC	H	12-2		M	W F	W109	T H		KOEPPE FISH
04027	LECT-DISC	I	10		M	W	192	L H		SLIFE
		I	10			F	31	PSYCH BLDG		
04034	CONF	J	ARR							STAFF
04041	CONF	K	ARR							STAFF
04059	CONF	L	ARR							STAFF

AGRON 499 THESIS RESEARCH.

0 TO 4 UNITS

WORK TO BE TAKEN IN THE FOLLOWING SUBJECTS:

A-SOILS

ALDRICH, BEAVERS, BRAIDS, FEHRENBACHER, GIESEKING,
HINESLY, JONES, KURTZ, MELSTED, R. J. MILLER,
MILLINGTON, MOLINA, ODELL, PETERS, RAY, RUNGE,
STEVENSON, TYNER, WALKER, WELCH.

B-CROPS

ALEXANDER, BERNARD, BROWN, BURGER, CARMER, COOPER,
DEWET, DUDLEY, EARLEY, GERDEMANN, HADLEY, HAGEMAN,
HANSON, HARLAN, HILTIBRAN, HITTLE, HOOKER, HYMOWITZ,
JACKOBS, KNAKE, LAMBERT, LAUGHMAN, LENG, MCGLAMERY,
D. A. MILLER, OGREN, PATTERSON, PENDLETON, RINNE,
SCOTT, SEIF, SLIFE, WAX, WEBER, WEIBEL, WIDHOLM,
WILSON AND WOOLLEY.

04066

CONF

ARR

AIR FORCE AEROSPACE STUDIES

DEPARTMENT OFFICE

230 ARMORY

COURSES FOR UNDERGRADUATES

AFAS 100 CORPS TRAINING.

MUST BE TAKEN IN CONJUNCTION WITH OTHER COURSES.

PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY; CITIZEN
OF THE UNITED STATES.

NO CREDIT

04073

LAB

A

7PM

W

101

ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED OF ALL CADETS.

AFAS 111 FRESHMAN THEORY COURSE: DEFENSE OF THE UNITED STATES.

PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY; CITIZEN
OF THE UNITED STATES; CONSENT OF PROFESSOR OF AIR FORCE
AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04081

LECT-DISC E

1

M

349

ARMORY

04098

LECT-DISC F

2

M

349

ARMORY

04109

LECT-DISC M

9

TU

349

ARMORY

AFAS 112 FRESHMAN THEORY COURSE: STRATEGIC OFFENSIVE AND DEFENSIVE
FORCES OF THE UNITED STATES.

AFAS CONTINUATION OF AFAS 111.

PREREQUISITE: AFAS 111 OR CONSENT OF PROFESSOR OF AIR FORCE
AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04116

LECT-DISC

ARR

349

ARMORY

AFAS 121 SOPHOMORE THEORY COURSE: WORLD MILITARY SYSTEMS, I.

PREREQUISITE: AFAS 112 OR CONSENT OF PROFESSOR OF AIR FORCE
AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04123

LECT-DISC R

1

W

349

ARMORY

04131

LECT-DISC M

9

TH

349

ARMORY

04148

LECT-DISC N

10

TH

349

ARMORY

AFAS 122 SOPHOMORE THEORY COURSE: WORLD MILITARY SYSTEMS, II.

AFAS CONTINUATION OF AFAS 121.

PREREQUISITE: AFAS 121 OR CONSENT OF PROFESSOR OF AIR FORCE
AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04155

LECT-DISC

ARR

349

ARMORY

COURSES FOR ADVANCED UNDERGRADUATES

THE FOLLOWING AIR FORCE AEROSPACE STUDIES COURSE MAY BE TAKEN UPON APPLICATION BY STUDENTS WHO MEET THE REQUIRED STANDARDS. COMMISSIONS IN THE AIR FORCE RESERVE ARE AWARDED THOSE STUDENTS WHO SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE ACADEMIC REQUIREMENTS FOR A DEGREE SUBJECT TO ALLOCATIONS OF COMMISSIONS TO BE MADE BY AIR FORCE R.O.T.C. STUDENTS ARE PAID RETAINER PAY, ARE FURNISHED A UNIFORM, AND ARE REQUIRED TO ATTEND A SUMMER ENCAMPMENT BETWEEN THE FIRST AND SECOND YEARS OF THE PROFESSIONAL OFFICER COURSE.

ADVANCED AIR FORCE R.O.T.C. COURSES REQUIRE THREE HOURS OF INSTRUCTION A WEEK.

GENERAL PREREQUISITE: SUCCESSFUL COMPLETION OF THE FRESHMAN AND SOPHOMORE AIR FORCE R.O.T.C. COURSES OR THE SIX-WEEK FIELD TRAINING PROGRAM OR EQUIVALENT TRAINING AS APPROVED BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, PASS OFFICERS TYPE PHYSICAL EXAMINATION, ACHIEVE SATISFACTORY SCORES ON THE AIR FORCE OFFICERS QUALIFICATION TEST, AND ACCEPTANCE BY A BOARD OF AIR FORCE OFFICERS.

AFAS 231 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE POWER, I.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04162	LECT-DISC	B	9	M	W	F	222	ARMORY
04170	LECT-DISC	C	10	M	W	F	222	ARMORY
04187	LECT-DISC	D	11	M	W	F	222	ARMORY

AFAS 232 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE POWER, II.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04194	LECT-DISC		ARR				222	ARMORY
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AFAS 241 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER, I.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04205	LECT-DISC	B	9	M	W	F	325A	ARMORY
04212	LECT-DISC	C	10	M	W	F	325A	ARMORY
04220	LECT-DISC	D	11	M	W	F	325A	ARMORY

AFAS 242 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER, II.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04237	LECT-DISC		ARR				325	ARMORY
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AMERICAN CIVILIZATION

MAJOR: STUDENTS WHO ELECT AMERICAN CIVILIZATION AS A MAJOR MUST COMPLETE FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS FOR GRADUATION) IN COURSES INDICATED BELOW, AT LEAST TWENTY HOURS BEING IN COURSES NUMBERED 300 OR ABOVE. THEY ARE REQUIRED TO MAINTAIN A 3.0 GENERAL AVERAGE AT ALL TIMES, THAT IS, WHEN THE AVERAGE DROPS BELOW THAT LEVEL THE STUDENT SHALL DROP FROM THIS MAJOR. SPECIFICALLY REQUIRED ARE:

1. ENGL. 256, HIST. 151-152, AND EITHER ART 323 OR 324 OR PHIL. 313 (A TOTAL OF FIFTEEN HOURS). EQUIVALENT OR MORE ADVANCED COURSES MAY BE SUBSTITUTED PROVIDED THAT, TAKEN TOGETHER, THEY CONSTITUTE COMPREHENSIVE SURVEYS OF THE THREE FIELDS OF AMERICAN HISTORY, AMERICAN LITERATURE, AND EITHER AMERICAN ART OR AMERICAN PHILOSOPHY. APPROVAL FOR ANY SUCH SUBSTITUTION MUST BE REQUESTED BY A PETITION TO THE DEAN BEARING THE RECOMMENDATION OF THE ADVISOR FOR THE CURRICULUM.

2. AT LEAST SIX HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST SIX HOURS OF ADVANCED WORK IN HISTORY, CHOSEN FROM THE FOLLOWING COURSES ALL OF WHICH ARE IN THE AMERICAN FIELD: ENGL. 285-286, 287, 316, 352, 353-354, 375-376, HIST. 352, 354, 355, 356, 357-358, 359, 360, 361-362, 363-364, 367-368, 369-370, 371-372, 373-374. SPEECH 366 MAY BE SUBSTITUTED FOR ENGL. 316.

3. AT LEAST SIX HOURS FROM THE FOLLOWING COURSES: ARCH. 215-216, ECON 236, ED. 302, GEOG. 223, POL. S. 150-151, 351, 381, 397, SPCH. 312; OR COURSES LISTED IN THE PRECEDING PARAGRAPHS, IF NOT COUNTED TOWARD THE REQUIREMENTS THEREUNDER.

4. AT LEAST SIX ADDITIONAL HOURS IN ONE OF THE FOLLOWING DEPARTMENTS: ART, ENGLISH, HISTORY, PHILOSOPHY OR POLITICAL SCIENCE CHOSEN FROM COURSES WHICH DEAL WITH NON-AMERICAN ASPECTS OF THE SUBJECT BUT WHICH ARE CLOSELY RELATED TO SPECIFIC COURSES SELECTED UNDER THE PRECEDING REQUIREMENTS, SUCH AS, FOR EXAMPLE, A COURSE DEALING WITH THE SAME PERIOD IN EUROPEAN HISTORY OR IN ENGLISH LITERATURE.

THE COMMITTEE IN CHARGE OF THE CURRICULUM ADVISES EACH STUDENT CONCERNING THESE ADDITIONAL HOURS, ASSUMES RESPONSIBILITY FOR THE STUDENTS REGISTRATION IN THE PROPER COURSES, AND FILES A RECORD OF THE STUDENTS REGISTRATION INDICATING THE SPECIFIC COURSES APPROVED AS SATISFYING THIS REQUIREMENT IN THE OFFICE OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

ADVISER--CHAIRMAN OF THE COMMITTEE IN CHARGE--PROFESSOR CLARK C. SPENCE, 359 ARMY.

MINORS: THIS CURRICULUM HAS BEEN APPROVED AS A MINOR FOR STUDENTS MAJORING IN GEOGRAPHY, HISTORY, POLITICAL SCIENCE, AND SPEECH. A SPLIT MINOR IS NOT AUTHORIZED. NO COURSE COUNTED TOWARD THE STUDENTS MAJOR MAY BE COUNTED TOWARD THE MINOR. THE MINOR CONSISTS OF AT LEAST TWENTY SEMESTER HOURS, INCLUDING THE REQUIRED COURSES HIST. 151-152 AND ENGL. 113-114, AND IN ADDITION:

1. AT LEAST THREE HOURS FROM COURSES LISTED UNDER (2) OF THE REQUIREMENTS FOR THE MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

2. THE REMAINDER, IF ANY, CHOSEN FROM COURSES LISTED UNDER (1) AND (3) OF THE REQUIREMENTS FOR MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

ANIMAL SCIENCE

DEPARTMENT OFFICE

328 M H

COURSES FOR UNDERGRADUATES

AN S 100 INTRODUCTION TO ANIMAL SCIENCE.

3 HOURS

04244	LECT		3	M	F	135	A S L	
04251	LAB	A	1-3	W		W115	T H	DZIUK AND OTHERS
		A	1-3	W		STOCK	PAVILION	
04269	LAB	B	3-5	W		W109	T H	
		B	3-5	W		STOCK	PAVILION	
04276	LAB	C	3-5		TH	W115	T H	
		C	3-5		TH	STOCK	PAVILION	

AN S 110 PLANT AND ANIMAL GENETICS.

SAME AS AGRON., D. S., AND HORT. 110.

PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.

3 HOURS

*FOR VETERINARY MEDICINE STUDENTS ONLY.

04283	LECT		2	M	W	W109	T H	
04291	LAB	1	1-3	TU		W013	T H	ALEXANDER AND OTHERS
04301	LAB	2	3-5	TU		W013	T H	
04319	LAB	3	1-3		TH	W013	T H	
04326	LAB	*4	3-5	M		W013	T H	
04333	LAB	*5	2-4		F	W013	T H	

COURSES FOR ADVANCED UNDERGRADUATES

AN S 200 SPECIAL PROBLEMS.

PREREQUISITE: MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEMS COURSE.

1 TO 5 HOURS

*SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

04341	LAB	A	ARR					STAFF
04358	LAB	*6B	ARR					

AN S 205 MEAT SELECTION AND CLASSIFICATION.

PREREQUISITE: AN. S. 103.

FIELD TRIP, ESTIMATED COST \$20.

2 HOURS

04365	LAB	A	3-5	M	W	F	152	C A	ROMANS AND HANKES
		A	3-5	M	W	F	STOCK	PAVILION	
		A	8-12			S	152	C A	
		A	8-12			S	STOCK	PAVILION	

AN S 206 HORSE PRODUCTION.

PREREQUISITE: AN. S. 220 OR 221 OR EQUIVALENT.

3 HOURS

04372	LECT-DISC		1	TU	TH		STOCK	PAVILION	ALBERT
			2	TU			STOCK	PAVILION	

AN S 212 ADVANCED LIVESTOCK EVALUATION.

PREREQUISITE: AN. S. 103 AND 211.

3 HOURS

04380	LAB		3-5	MTWTHF		STOCK	PAVILION	ALBERT
			8-12		S	STOCK	PAVILION	

AN S 221 ANIMAL NUTRITION.

SAME AS D. S. 221.

PREREQUISITE: CHEM. 102(NEW), 132, OR 133.

*CREDIT IS NOT GIVEN FOR BOTH AN. S. 221 AND 325.

*4 HOURS

04397	LECT-DISC		10	TUWTHF		135	A S L	OWENS AND DAVIS
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AN S	301	BEEF PRODUCTION. PREREQUISITE: AN. S. 221, OR EQUIVALENT. 3 HOURS, OR 1/2 OR 3/4 UNIT	04408	LECT	1	M W F	135	A S L	JOHNSON
AN S	302	SHEEP PRODUCTION. PREREQUISITE: AN. S. 221, OR EQUIVALENT. *STUDENTS MAY REGISTER FOR 3 HOURS CREDIT WITHOUT LABORATORY OR FOR 4 HOURS CREDIT WITH LABORATORY, OR FOR 3/4 UNIT. *3 OR 4 HOURS, OR 3/4 UNIT	04415 04422	LECT-DISC LAB	11 A 3-5	M W F TU	N107 STOCK PAVILION	T H	GARRIGUS
AN S	303	PORK PRODUCTION. PREREQUISITE: AN. S. 221, OR EQUIVALENT. 3 HOURS OR 3/4 UNIT	04430	LECT-DISC	8	M W F	313	M H	HARMON
AN S	304	POULTRY MANAGEMENT. PREREQUISITE: AN. S. 221 OR 325 OR EQUIVALENT. *3 HOURS CREDIT WITHOUT OR 4 HOURS CREDIT WITH INDIVIDUAL STUDY AND CONFERENCE. *3 OR 4 HOURS, OR 3/4 UNIT	04447 04454	LECT-DISC CONF	9 A ARR	M W F	316S M H POULTRY FARM	M H	BRAY
AN S	330	REPRODUCTION AND ARTIFICIAL INSEMINATION OF FARM ANIMALS. SAME AS D.S. 330. PREREQUISITE: ZOOL. 104 AND EITHER D. S. 100 OR AN. S. 100. 3 HOURS OR 3/4 UNIT	04461 04479 04486 04493	LECT LAB LAB LAB	1 A 2-4 B 2-4 C 10-12	TU TH TU TH TU	W109 414 414 414	T H A S L A S L A S L	LODGE, GRAVES
AN S	340	INTRODUCTION TO APPLIED STATISTICS. SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT	04504 04511 04529 04536 04543	LECT LAB-DISC LAB-DISC LAB-DISC LAB-DISC	9 1 1-3 2 3-5 3 1-3 4 3-5	TU TH TU TU W W	W109 W223 W223 W223 W223	T H T H T H T H T H	SEIF
AN S	346	ETHOLOGY. SAME AS ZOOL. 346. PREREQUISITE: ONE YEAR OF 300-LEVEL COURSES IN ZOOLOGY, PHYSIOLOGY, OR PSYCHOLOGY; CONSENT OF INSTRUCTOR FOR LABORATORY ENROLLMENT. *LECTURE ALONE 3 HOURS OR 1/2 UNIT *3 OR 5 HOURS, OR 1/2 OR 1 UNIT	04551 04568	LECT LAB-DISC	9 A 8-11	M W F TU TH	202 343	H H N H B	BANKS

COURSES FOR GRADUATES

AN S	400	PRESENTATION OF EXPERIMENTAL RESULTS. 1/4 UNIT	04573	LECT-DISC	4	TH	104	AN GEN	OZIUK
AN S	401	ANIMAL BIONOMICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT	04582	LECT-DISC	1	TU TH	316N	M H	CURTIS
AN S	404	CONCEPTS IN NONRUMINANT NUTRITION. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT	04590	LECT-DISC	10	TU TH	316N	M H	BAKER

AN S	407	LABORATORY METHODS IN ANIMAL GENETICS.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS.							
		*1/2 TO 1 UNIT							
	04601	LAB-DISC		ARR				NORTON AND RASMUSEN	
AN S	408	LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.							
		SAME AS ZOOL. 408.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS.							
		*1/2 TO 1 UNIT							
	04618	LAB		ARR				NALBANDOV AND OZLUK	
AN S	410	RESEARCH METHODS IN ANIMAL SCIENCE.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		*STUDENTS MAY ACCUMULATE 1 UNIT.							
		*1/4 TO 1 UNIT							
	04625	CONF		ARR				GRADUATE STAFF	
AN S	412	ADVANCED ENDOCRINOLOGY.							
		SAME AS D. S., PHYSL., AND ZOOL. 412							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		*STUDENTS MAY ACCUMULATE 2 UNITS.							
		*1/2 UNIT							
		TOPIC--TO BE ANNOUNCED.							
	04632	DISC		730-PM	M		140 BUR HALL	NALBANDOV, GORSKI, FOSTER AND JACKSON	
AN S	415	ADVANCED ANIMAL GENETICS.							
		SAME AS D. S. 415.							
		PREREQUISITE: AN. S. 305 OR EQUIVALENT.							
		1 UNIT							
	04640	LECT-DISC		9	M W F		104 AN GEN	TOUCHBERRY	
AN S	421	TOPICS IN NUTRITIONAL BIOCHEMISTRY.							
		PREREQUISITE: AN. S. 420.							
		1 UNIT							
	04657	LECT		11	MTUWTH		121 A S L	LEVEILLE	
AN S	499	THESIS RESEARCH.							
		0 TO 4 UNITS							
	04664	DISC		ARR				GRADUATE STAFF	

ANTHROPOLOGY

DEPARTMENT OFFICE

109 D H

MAJOR: TWENTY HOURS IN ANTHROPOLOGY, EXCLUDING ANTH. 102 AND 103. STUDENTS ARE STRONGLY ADVISED TO TAKE AT LEAST ONE COURSE FROM EACH OF THE PRINCIPAL FIELDS OF ANTHROPOLOGY: ARCHAEOLOGY, ETHNOLOGY (INCLUDING AT LEAST ONE COURSE DEALING WITH A PARTICULAR WORLD AREA), LINGUISTICS, AND PHYSICAL ANTHROPOLOGY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: CLASSICS, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LINGUISTICS, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY AND ZOOLOGY. THE INTERDEPARTMENTAL PROGRAM IN ASIAN STUDIES, LATIN-AMERICAN STUDIES OR IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A SOLE MINOR.

COURSES FOR UNDERGRADUATES

ANTH 101 CONCEPTS IN GENERAL ANTHROPOLOGY.

*CREDIT IS NOT GIVEN FOR ANTH. 101 AND 102-103.

*4 HOURS

04671	LECT-DISC		ARR							ROSS
04689	QUIZ	A	9		TU		113	D H		
04696	QUIZ	B	9		TU		325	D K H		
04707	QUIZ	C	9			TH	113	D H		
04714	QUIZ	D	9			TH	312	D H		
04721	QUIZ	E	3		TU		311	D H		

ANTH 102 INTRODUCTION TO ANTHROPOLOGY: THE ORIGIN OF MAN AND CULTURE.

*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.

*4 HOURS

*HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

04739	LECT-DISC		2		M	W	F	100	N L	GIBBON
04746	QUIZ	A	8		TU			109A	D H	
04753	QUIZ	B	8		TU			313	D H	
04761	QUIZ	C	8		TU			209A	D H	
04778	QUIZ	D	8					109A	D H	
04785	QUIZ	E	8			W		109A	D H	
04792	QUIZ	F	8				F	109A	D H	
04899	QUIZ	*E G	11		TU			313	D H	
04803	QUIZ	H	11		M			109A	D H	
04811	QUIZ	I	11		TU			109A	D H	
04828	QUIZ	J	2		TU			109A	D H	
04835	QUIZ	K	8				TH	109A	D H	
04842	QUIZ	L	8				TH	209A	D H	
04850	QUIZ	M	2				TH	109A	D H	
04867	QUIZ	N	8				TH	313	D H	
04874	QUIZ	O	11				TH	313	D H	
04881	QUIZ	P	1				TH	109A	D H	

ANTH 103 INTRODUCTION TO CULTURAL ANTHROPOLOGY.

*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.

*4 HOURS

*HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

04900	LECT-DISC		10		M	W	F	114	D K H	BRUKMAN
04917	QUIZ	A	8		TU			113	D H	
04924	QUIZ	B	8			TH		113	D H	
04931	QUIZ	C	9		TU			209A	D H	
04949	QUIZ	D	9			TH		209A	D H	
04956	QUIZ	E	12		TU			209A	D H	
04963	QUIZ	F	12			TH		209A	D H	
05022	QUIZ	*E G	12		TU			313	D H	
04971	QUIZ	H	12			TH		313	D H	
04988	QUIZ	I	1		TU			313	D H	
04995	QUIZ	J	1			TH		313	D H	
05008	QUIZ	K	2		TU			313	D H	
05015	QUIZ	L	2			TH		313	D H	

ANTH 174 AMERICAN COMMUNITIES AND THEIR PROBLEMS.

*4 HOURS

05030	LECT	1	9		TU	TH		213	G H	STAFF
05047	DISC	A	3-5		M			170	L H	
05054	DISC	B	3-5		TU			102	L H	
05061	DISC	C	3-5			W		262	L H	
05079	DISC	D	3-5			TH		236	L H	
05086	DISC	E	3-5				F	108	L H	

ANTH 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION A TOPIC: LANGUAGE AND CULTURE.
 05104 CONF A ARR
 05093 CONF B ARR

BRUKMAN
ROSS

COURSES FOR ADVANCED UNDERGRADUATES

ANTH 220 INTRODUCTION TO PREHISTORY.
 PREREQUISITE: ANTH. 102 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 05111 LECT-DISC 11 M W 223 G H
 05129 LAB A 11 F 109A D H
 05136 LAB B 12 F 109A D H
 05143 LAB C 4 M 109A D H

LATHRAP
AND GIBBON

ANTH 240 INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY.
 3 HOURS
 05151 LECT-DISC 1 M W F 304 L H

GILES

ANTH 250 INTRODUCTION TO PRIMITIVE TECHNOLOGY.
 3 HOURS
 05168 LECT-DISC 2 M W F 109A D H

KELLER

ANTH 290 HONORS COURSE.
 PREREQUISITE: SENIOR STANDING AND 4.0 AVERAGE.
 2 TO 4 HOURS
 05175 CONF ARR

STAFF

ANTH 291 HONORS COURSE.
 PREREQUISITE: SENIOR STANDING AND 4.0 AVERAGE.
 2 TO 4 HOURS
 05182 CONF ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ANTH 300 INTRODUCTION TO LINGUISTICS.
 SAME AS LING. 300.
 PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT
 IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
 3 HOURS OR 1/2 UNIT
 05190 LECT-DISC A 1 M W F 223 G H
 05201 LECT-DISC B 10 M W F 400 E H

ANTH 307 INTRODUCTION TO MATHEMATICAL LINGUISTICS.
 SAME AS LING. 307.
 PREREQUISITE: LING. 300.
 3 HOURS OR 1 UNIT
 05218 LECT-DISC 2 M W F 312 D H

STAFF

ANTH 315 AREA STUDIES IN ETHNOMUSICOLOGY.
 SAME AS MUSIC 317.
 PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 12 HOURS OR 2 UNITS
 *3 HOURS OR 1/2 UNIT
 TOPIC--MUSIC OF AFRICA.
 05225 LECT-DISC A 1-4 TH 101 H A

NETTL

ANTH 320 POLITICAL ANTHROPOLOGY.
 PREREQUISITE: ANTH. 103.
 3 HOURS, OR 1/2 OR 1 UNIT
 05232 LECT-DISC 3 M W F 304 L H

CRISSMAN

ANTH 332 NATIVE CULTURES OF SOUTH AMERICA (NON-ANDEAN).
 PREREQUISITE: ANTH. 260 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 05240 LECT-DISC ARR

WHITTEN

ANTH 340	HUMAN EVOLUTION, I. PREREQUISITE: ANTH. 240 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05257	LECT-DISC	10	M W F	349	ARMORY	GILES
ANTH 343	INTRODUCTION TO PRIMATE MORPHOLOGY AND BEHAVIOR. PREREQUISITE: ANTH. 340 OR ZOO. 101 OR 104, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05264	LECT-DISC	3	M W F	109A	D H	STAFF
ANTH 349	SOUTH AMERICAN CULTURE HISTORY, I. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	05271	LAB-DISC	10	M W F	109A	D H	LATHRAP
ANTH 352	PRECOLUMBIAN CIVILIZATIONS OF MESOAMERICA. PREREQUISITE: ANTH. 220 OR EQUIVALENT OR CONSENT OF THE INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05289	LECT-DISC	9	M W F	109A	D H	GROVE
ANTH 355	LABORATORY TECHNIQUES AND PROBLEMS IN ARCHAEOLOGY. PREREQUISITE: ANTH. 102 AND 103, OR CONSENT OF INSTRUCTOR. FIELD TRIP REQUIRED. *STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS, IF AREA OR PROBLEMS ARE DIFFERENT. *3 HOURS OR 1 UNIT	05296	LAB	1-4	TU	64B	L H	BAREIS
ANTH 356	PHYSICAL ANTHROPOLOGY. PREREQUISITE: ANTH. 102 AND 103, OR A COURSE IN ANATOMY OR COMPARATIVE ANATOMY, PHYSIOLOGY, OR A COURSE IN INTRODUCTORY ZOOLOGY WITH CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	05307	LECT-DISC	9-1030	TU TH	109A	D H	MCGREGOR
ANTH 358	PREHISTORY OF THE OLD WORLD. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05314	LECT-DISC	ARR				KELLER
ANTH 364	FIELD WORK IN CULTURAL ANTHROPOLOGY. PREREQUISITE: ANTH. 102 AND 103, SPEAKING KNOWLEDGE OF THE LANGUAGE OF THE AREA CONCERNED. CONCURRENT REGISTRATION IN ANTH. 365, CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS, IF AREA OR PROBLEMS ARE DIFFERENT. *3 HOURS OR 1 UNIT	05321	CONF	ARR				STAFF
ANTH 365	ANALYSIS OF FIELD DATA IN CULTURAL ANTHROPOLOGY. PREREQUISITE: ANTH. 102 AND 103, SPEAKING KNOWLEDGE OF THE LANGUAGE OF THE AREA CONCERNED, CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 6 HOURS, OR 2 UNITS, IF AREA OR PROBLEMS ARE DIFFERENT. *3 HOURS OR 1 UNIT	05339	CONF	ARR				STAFF
ANTH 367	PEOPLES AND CULTURES OF AFRICA. PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05346	LECT-DISC	11	M W F	328	D K H	SCHILDKROUT
ANTH 368	PEOPLES AND CULTURES OF INDIA. PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05353	LECT-DISC	3	M W F	209A	D H	GOULD

ANTH 369 INTRODUCTION TO HUMAN ECOLOGY.
 SAME AS GEOG., H.ED., PHYSL., PSYCH., SOC., V.M.S., AND
 ZOOL. 369.
 PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY,
 GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.
 *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE
 AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
 *3 OR 5 HOURS, OR 1/2 OR 1 UNIT
 05361 LECT-DISC 11 M W F 112 C A TODD

ANTH 373 HUMAN DEVELOPMENT IN CROSS-CULTURAL PERSPECTIVE.
 SAME AS PSYCH. 373.
 PREREQUISITE: SIX HOURS OF ANTHROPOLOGY, SOCIOLOGY OR PSYCHOLOGY,
 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 05378 LECT 11-1220 TU TH 17 PSYCH BLDG

ANTH 383 CULTURES OF MODERN EAST ASIA.
 PREREQUISITE: AN INTRODUCTORY COURSE IN ANTHROPOLOGY OR EAST
 ASIAN HISTORY, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 05385 LECT-DISC 10 M W F 209A D H PLATH

COURSES FOR GRADUATES

ANTH 409 FIELD METHODS IN LINGUISTICS.
 SAME AS LING. 409.
 PREREQUISITE: CREDIT OR ENROLLMENT IN LING. 401.
 1 UNIT
 *ONE ADDITIONAL HOUR TO BE ARRANGED.
 05392 LECT-DISC A *11 M W F 209A D H LEHMAN
 05403 LECT-DISC B *11 M W F B C A

ANTH 429 THE EVOLUTION OF AGRICULTURAL ECONOMIES.
 SAME AS AGRON. AND GEOG. 429.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 TOPIC: AGRICULTURAL ORIGINS--SOUTH AMERICA.
 05411 CONF ARR LATHRAP

ANTH 450 SEMINAR IN ANTHROPOLOGY.
 *STUDENTS MAY ACCUMULATE TWO UNITS.
 *1 UNIT
 *SECTION B: TO BE ANNOUNCED.
 *SECTION G: URBAN STUDIES IN AFRICA.
 *SECTION K: TO BE ANNOUNCED.
 *SECTION M: TO BE ANNOUNCED.
 SECTION N: TO BE ANNOUNCED.
 05428 CONF *B ARR STAFF
 05435 CONF *G ARR SCHILDKROUT
 05442 CONF *K ARR CRISSMAN
 05450 CONF *M ARR WHITTEN
 05467 CONF N ARR GOULD

ANTH 452 RESEARCH PROBLEMS IN ARCHAEOLOGY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE ADDITIONAL CREDIT.
 *1 UNIT
 05474 LAB 1 M W F 109A D H MCGREGOR

ANTH 453 THE FORMAL ANALYSIS OF KINSHIP SYSTEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 05481 LECT-DISC 2 M W F 209A D H LEHMAN

ANTH 489 READINGS IN ANTHROPOLOGY.
 PREREQUISITE: ONE SEMESTER OF GRADUATE WORK IN ANTHROPOLOGY;
 CONSENT OF ADVISER.
 1/2 OR 1 UNIT
 05499 CONF ARR STAFF

ANTH 490 INDIVIDUAL TOPICS IN ANTHROPOLOGY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 TO 4 UNITS
 05500 CONF ARR STAFF

ANTH 499 THESIS RESEARCH.

0 TO 4 UNITS

*SECTION A IS FOR MASTERS THESIS AND SECTION B IS FOR DOCTORS THESIS.

05517 CONF *A ARR
05524 CONF *B ARR

STAFF
STAFF

ARABIC

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

ARAB 201 ELEMENTARY ARABIC, I.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
NO CREDIT IS GIVEN TOWARD GRADUATION FOR ARAB. 201 WITHOUT ARAB. 202.

5 HOURS

05531 LECT-DISC 11 M W F 8 COM W
1 TU 8 COM W

STAFF

ARAB 203 ELEMENTARY SPOKEN ARABIC, I.

*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ARAB. 203 WITHOUT ARAB. 204.

*5 HOURS

05549 LECT-DISC 12 MTUW F 11 COM W

STAFF, ABDO

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARAB 303 INTERMEDIATE ARABIC, I.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.

PREREQUISITE: ARAB. 202 OR EQUIVALENT.

5 HOURS OR 1 UNIT

05556 LECT-DISC 9 M W F 6 COM W
1 TH 8 COM W

ABDO
ABDO

ARAB 305 ADVANCED ARABIC, I.

PREREQUISITE: ARAB. 304 OR EQUIVALENT.

5 HOURS OR 1 UNIT

05563 LECT-DISC 2 MTUW F 8 COM W

ABDO

ARAB 307 INTRODUCTION TO ARABIC LITERATURE, I.

PREREQUISITE: ARAB. 304.

3 HOURS OR 1 UNIT

05571 LECT-DISC 1 M W F 8 COM W

ABDO

ARCHITECTURE

DEPARTMENT OFFICE

106 ARCH

IN THE CURRICULUM IN ARCHITECTURE, NORMAL COURSE PROGRESS IN SEQUENCE IS IMPERATIVE. STUDENTS FAILING TO COMPLETE ANY REQUIRED COURSE MORE THAN ONE SEMESTER LATER THAN THE TIME DESIGNATED IN THE CURRICULUM, ARE PROHIBITED FROM PROGRESSIVE REGISTRATION IN ARCHITECTURAL COURSES UNTIL THE DEFICIENCY IS CORRECTED.

COURSES FOR UNDERGRADUATES

ARCH	100	ARCHITECTURE LECTURES. REQUIRED OF ALL FRESHMEN IN ARCHITECTURAL STUDIES. 0 HOURS									
	05588	LECT	A	4	TH	141	COM W			STAFF	
ARCH	132	ARCHITECTURAL DESIGN, III. PREREQUISITE: ARCH. 131. 3 HOURS									
	05595	LECT-DISC	A	8	TU	302	ARCH			STAFF	
		LAB	A	8-11	TH S	300	ARCH			STAFF	
			A	9-11	TU	300	ARCH			STAFF	
	05606	LECT-DISC	B	2	M	300	ARCH			STAFF	
		LAB	B	2-5	W F	300	ARCH			STAFF	
			B	3-5	M	300	ARCH			STAFF	
ARCH	142	BUILDING CONSTRUCTION, II. PREREQUISITE: ARCH. 141. 2 HOURS									
	05613	LECT	A	1	TU TH	120	ARCH			MOYER	
ARCH	171	BASIC DESIGN STUDIO, I. PREREQUISITE: ARCH. 100 OR REGISTRATION IN ARCH. 100. 3 HOURS									
	05621	LAB	A	8-10	MTUWTHF	219	F A B			STAFF	
	05638	LAB	B	10-12	MTUWTHF	219	F A B			STAFF	
	05645	LAB	C	1-3	MTUWTHF	219	F A B			STAFF	
	05652	LAB	D	3-5	MTUWTHF	219	F A B			STAFF	
ARCH	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS									
	05660	CONF	F	ARR						FOREIGN	

COURSES FOR ADVANCED UNDERGRADUATES

ARCH	200	SENIOR HONORS IN ARCHITECTURE. FOR CANDIDATES FOR HONORS IN ARCHITECTURE. PREREQUISITE: SENIOR STANDING IN ARCHITECTURE, A UNIVERSITY GRADE-POINT AVERAGE OF 4.0 OR, IN SPECIAL CASES, APPROVAL BY THE HEAD OF THE DEPARTMENT. *STUDENTS MAY ACCUMULATE 6 HOURS WITH APPROVAL OF HEAD OF DEPARTMENT. *3 HOURS									
	05677	CONF	6C	ARR						STAFF	
	05684	CONF	6F	ARR						FOREIGN	
ARCH	211	INTRODUCTION TO ANCIENT AND MEDIEVAL ARCHITECTURE. PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS									
	05691	LECT	A	1	M	W	F	120	ARCH	STAFF	
ARCH	212	INTRODUCTION TO RENAISSANCE AND MODERN ARCHITECTURE. PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS									
	05702	LECT	A	11	M	W	F	120	ARCH	CREESE	

ARCH	233	ARCHITECTURAL DESIGN, IV.									
		PREREQUISITE: ARCH. 132; CREDIT OR REGISTRATION IN T. A. M. 150 OR 171.									
		3 HOURS									
	05710	LAB	A	8-11	M W F	310	ARCH	STAFF			
	05727	LAB	B	8-11	TU TH S	310	ARCH	STAFF			
ARCH	234	ARCHITECTURAL DESIGN, V.									
		PREREQUISITE: ARCH. 233.									
		3 HOURS									
	05734	LAB	A	9-12	M W F	310	ARCH	STAFF			
	05741	LAB	B	9-12	TU TH S	310	ARCH	STAFF			
ARCH	235	ARCHITECTURAL DESIGN, VI.									
		PREREQUISITE: ARCH. 234.									
		5 HOURS									
	05759	LAB	A	1-4	MTUWTHF	200	ARCH	STAFF			
	05766	LAB	F	ARR				FOREIGN			
ARCH	236	ARCHITECTURAL DESIGN, VII.									
		PREREQUISITE: ARCH. 235.									
		5 HOURS									
	05773	LAB	A	1-4	MTUWTHF	200	ARCH	STAFF			
	05781	LAB	F	ARR				FOREIGN			
ARCH	241	BUILDING CONSTRUCTION, III.									
		PREREQUISITE: ARCH. 142.									
		2 HOURS									
	05798	LECT	A	4	TU TH	66	LIB	CLAYTON			
ARCH	242	BUILDING CONSTRUCTION, IV.									
		PREREQUISITE: ARCH. 241.									
		2 HOURS									
	05809	LECT	A	8	TU TH	120	ARCH	LANFORD			
ARCH	245	STRUCTURAL ELEMENTS.									
		PREREQUISITE: L. A. S. 141 OR PHYCS. 101; T. A. 172 OR 221.									
		3 HOURS									
	05816	LECT-DISC	A	8	M W	100	ARCH	STAFF			
		LAB	A	1-4	M W	100	ARCH	STAFF			
ARCH	246	THEORY OF STRUCTURAL DESIGN.									
		PREREQUISITE: ARCH. 245.									
		3 HOURS									
	05823	LECT-DISC	A	8	M W F	120	ARCH	LEFFERS			
		LAB	A	8-11	TU TH	100	ARCH	LEFFERS			
	05831	LECT-DISC	B	8	M W F	120	ARCH	LEFFERS			
		LAB	B	1-4	TU TH	100	ARCH	LEFFERS			
ARCH	247	STRUCTURAL PLANNING.									
		PREREQUISITE: ARCH. 257.									
		3 HOURS									
	05848	LECT-DISC	A	11	M W F	302	ARCH	SIMON			
	05855	LECT-DISC	B	9	M W F	302	ARCH	SIMON			
	05862	LECT-DISC	F	ARR				FOREIGN			
ARCH	256	BUILDING SANITATION AND ARCHITECTURAL ACOUSTICS.									
		PREREQUISITE: JUNIOR STANDING IN ARCHITECTURE.									
		2 HOURS									
	05870	LECT	A	4	M W	120	ARCH	MOYER			
ARCH	257	REINFORCED CONCRETE THEORY.									
		PREREQUISITE: ARCH. 246.									
		3 HOURS									
	05887	LECT	A	8	M W F	302	ARCH	STAFF			
	05894	LECT	F	ARR				FOREIGN			
ARCH	283	ARCHITECTURAL PRACTICE.									
		PREREQUISITE: FIFTH YEAR STANDING IN ARCHITECTURE.									
		2 HOURS									
	05905	LECT	A	9	M W	120	ARCH	CLAYTON			

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARCH 300	INDEPENDENT STUDIES IN URBAN DESIGN.										
	PREREQUISITE: ONE YEAR OF HISTORY OF ARCHITECTURE, OR HISTORY OF ART AND CONSENT OF INSTRUCTOR.										
	3 HOURS OR 3/4 UNIT										
05912	CONF	F	ARR							FOREIGN	
ARCH 311	EARLY MEDIEVAL ARCHITECTURE.										
	PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.										
	3 HOURS OR 3/4 UNIT										
05920	LECT	A	10	M	W	F	120	ARCH		LAING	
ARCH 313	ITALIAN RENAISSANCE AND BAROQUE ARCHITECTURE.										
	PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.										
	3 HOURS OR 3/4 UNIT										
05937	LECT	A	4	M	W	F	302	ARCH		STAFF	
ARCH 316	ARCHITECTURE OF THE NINETEENTH AND TWENTIETH CENTURIES.										
	PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.										
	3 HOURS OR 3/4 UNIT										
05944	LECT	A	4	M	W	F	301	ARCH		CREESE	
05951	LECT	F	ARR							FOREIGN	
ARCH 317	THE DEVELOPMENT OF CONTEMPORARY ARCHITECTURAL THOUGHT.										
	PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, AND CONSENT OF INSTRUCTOR.										
	3 HOURS OR 3/4 UNIT										
05969	LECT-DISC	A	4-530	TU	TH		403E	ARCH		LAING	
ARCH 337	ARCHITECTURAL DESIGN.										
	PREREQUISITE: ARCH. 236, SENIOR STANDING IN ARCHITECTURE.										
	7 HOURS OR 2 UNITS										
05976	LAB	A	1-5	MTUWTHF			210	ARCH		STAFF	
ARCH 338	ARCHITECTURAL DESIGN.										
	PREREQUISITE: ARCH. 337.										
	7 HOURS OR 2 UNITS										
05983	LAB	A	1-5	MTUWTHF			210	ARCH		STAFF	
ARCH 344	DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS.										
	PREREQUISITE: ARCH. 242 AND 257; REGISTRATION IN ARCH. 337 FOR GENERAL OPTION STUDENTS, OR CONSENT OF INSTRUCTOR.										
	2 HOURS										
	*SECTION A FOR GENERAL OPTION STUDENTS.										
	*SECTION B FOR ENGINEERING OPTION STUDENTS.										
05991	LAB	*A	9-12	TU	TH	ARR				STAFF	
06003	LAB	*B	9-12	TU	TH	408	ARCH			STAFF	
ARCH 347	THEORY OF STRUCTURES.										
	PREREQUISITE: ARCH. 257 AND MATH. 142.										
	5 HOURS OR 1 1/2 UNITS										
06011	LECT-DISC	A	8	MTUWTHF			301	ARCH		STAFF	
	LAB	A	9-11	M	W	F	100	ARCH		STAFF	
ARCH 348	ADVANCED STRUCTURES.										
	PREREQUISITE: ARCH. 347, CREDIT OR REGISTRATION IN ARCH. 358.										
	5 HOURS OR 1 1/2 UNITS										
06028	LECT-DISC	A	1-3	M	W	F	301	ARCH		COY	
	LAB	A	3-5	M	W		100	ARCH		COY	
		A	3		F		100	ARCH		COY	
ARCH 358	ADVANCED REINFORCED CONCRETE.										
	PREREQUISITE: ARCH. 247, CREDIT OR REGISTRATION IN ARCH. 348.										
	3 HOURS OR 1 UNIT										
06035	LECT-DISC	A	1-3	TU	TH		301	ARCH		SIMON	
	LAB	A	3	TU	TH		100	ARCH		SIMON	

COURSES FOR GRADUATES

ARCH 421	ENVIRONMENTAL CONTROL. SAME AS M. E. 421. PREREQUISITE: UNDERGRADUATE DEGREE IN ARCHITECTURAL OR MECHANICAL ENGINEERING, OR CONSENT OF INSTRUCTOR. 1 UNIT									
06042	LECT-DISC		10-12	TU TH	336	M E B		TANG		
ARCH 431	ADVANCED THEORY OF ARCHITECTURE. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT									
06050	LECT-DISC	A	4-6	W	403E	ARCH		FRANCESCATO		
ARCH 435	ADVANCED ARCHITECTURAL DESIGN. PREREQUISITE: BACHELOR'S DEGREE IN ARCHITECTURE (GENERAL OPTION) OFFERED BY THE UNIVERSITY OF ILLINOIS OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS *ADDITIONAL HOURS TO BE ARRANGED.									
06067	LAB	A	*1	MTUWTHF	403A	ARCH		STAFF		
ARCH 452	ADVANCED THEORY AND DESIGN OF STEEL STRUCTURES. PREREQUISITE: ARCH. 348 OR CONSENT OF INSTRUCTOR. 1 UNIT									
06074	LECT-DISC	A	8-10	M W	20A	ARCH		SCHOUSBOE		
ARCH 454	ADVANCED STRUCTURAL DESIGN IN REINFORCED CONCRETE. PREREQUISITE: ARCH. 358 OR CONSENT OF INSTRUCTOR. 1 UNIT									
06081	LECT-DISC	A	10-12	M W	20A	ARCH		TANG		
ARCH 481	ARCHITECTURAL PRACTICE AND THE CONSTRUCTION INDUSTRY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT MAY BE TAKEN CONCURRENTLY WITH ARCH 491.									
06099	LECT-DISC	A	4-6	M	403E	ARCH		LEWIS		
ARCH 491	SPECIAL PROBLEMS IN ARCHITECTURAL ADMINISTRATION AND BUILDING CONSTRUCTION. PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 481. 1/2 TO 2 UNITS									
06100	CONF	A	ARR					LEWIS		
ARCH 493	SPECIAL PROBLEMS IN STRUCTURAL THEORY AND DESIGN. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 4 UNITS *SECTION L: ARCHITECTURAL RESEARCH LABORATORY. *SECTION W: WOOD CONSTRUCTION.									
06117	LAB	*L	1-3	M W F	20A	ARCH		TANG, SIMON		
06124	LECT-DISC	*W	8-10	TU TH	20A	ARCH		SCHOUSBOE		
ARCH 494	SPECIAL PROBLEMS IN ARCHITECTURAL DESIGN. PREREQUISITE: ARCH. 435 OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS SECTION M: DESIGN METHODS. SECTION R: SPECIAL RESEARCH. SECTION S: DESIGN STUDIO.									
06131	LECT-DISC	M	10-12	TU	403E	ARCH		FRANCESCATO		
06149	CONF	R	ARR		403E	ARCH		STAFF		
06156	LAB	S	ARR		403	ARCH		STAFF		
ARCH 496	SPECIAL PROBLEMS IN ARCHITECTURAL HISTORY. PREREQUISITE: 12 HOURS OF ARCHITECTURAL HISTORY OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS									
06163	CONF	A	ARR					CONNALLY, CREESE, LAING		

ARMY ROTC--SEE MILITARY SCIENCE

ART

DEPARTMENT OFFICE

143 F A B

COURSES IN ART APPRECIATION AND THE HISTORY OF ART

COURSES FOR UNDERGRADUATES

ART	111	INTRODUCTION TO ANCIENT AND MEDIEVAL ART.									
		3 HOURS									
		*SECTION &1 IS AN HONORS SECTION.									
	06171	LECT	A	B	M	W	F	114	D K H	RAE	
	06188	LECT	B	2	M	W	F	101	ARMORY	RAE	
	06277	DISC	*&1	4			F	207	F A B		
	06195	DISC	2	B			TH	207	F A B		
	06206	DISC	3	1			TH	326	D K H		
	06213	DISC	4	1			TH	207	F A B		
	06221	DISC	5	8			F	207	F A B		
	06238	DISC	6	1			F	317A	D K H		
	06245	DISC	7	3			F	207	F A B		
	06252	DISC	B	1			F	207	F A B		
	06260	DISC	9	2			F	207	F A B		
ART	115	ART APPRECIATION.									
		PRIMARY FOR NON-ART STUDENTS.									
		3 HOURS									
	06284	LECT	A	3	M	W	F	101	ARMORY	GAMBILL	
ART	116	MASTERPIECES OF ART.									
		2 HOURS									
	06291	LECT	A	2	TU	TH		114	D K H	TIMMERMAN	

COURSES FOR ADVANCED UNDERGRADUATES

ART	209	JAPANESE ARTS WORKSHOP.									
		PREREQUISITE: SOPHOMORE STANDING.									
		2 HOURS									
	06302	LAB	A	10-12	M	W	F	106	F A B	SATO	
	06310	LAB	B	7-PM	TU	TH		107	F A B	SATO	
ART	210	HISTORY OF FURNITURE AND INTERIOR DESIGN.									
		PREREQUISITE: ART 134, OR CONSENT OF INSTRUCTOR.									
		2 HOURS									
	06327	LECT	A	1	TU	TH		62	K M	ZAGORSKI	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ART	304	GREEK SCULPTURE.									
		PREREQUISITE: ART 306 OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06334	LECT	A	230-4	TU	TH		401	ARCH	PERKINS	
ART	307	HELLENISTIC, ROMAN, AND BYZANTINE ART.									
		PREREQUISITE: ONE YEAR OF ART HISTORY, OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06341	LECT	A	11-1230	TU	TH		302	ARCH	PERKINS	
ART	308	EARLY MEDIEVAL ART.									
		PREREQUISITE: ONE YEAR OF ART HISTORY OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06359	LECT	A	10	M	W	F	302	ARCH	RAE	
ART	313	ITALIAN RENAISSANCE ART.									
		PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06366	LECT	A	1	M	W	F	62	K M	STAFF	

ART	314	NORTHERN RENAISSANCE ART.									
		PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06373	LECT	A	3	M	W	F	62	K	M	STAFF
ART	315	ART OF THE NINETEENTH CENTURY.									
		PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06381	LECT	A	3	M	W	F	302	ARCH		ZIFF
ART	320	NORTHERN EUROPEAN ART OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.									
		PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06398	LECT	A	12	M	W	F	62	K	M	PINNELL
ART	321	TWENTIETH CENTURY ART--1900-1925									
		PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06409	LECT	A	8	M	W	F	62	K	M	FRANCISCONO
ART	326	ART OF MEDIEVAL JAPAN.									
		PREREQUISITE: ART 327, OR A COURSE IN JAPANESE HISTORY OF THE PERIOD TREATED, OR CONSENT OF INSTRUCTOR.									
		3 HOURS OR 3/4 UNIT									
	06416	LECT	A	ARR				407	ARCH		MUNAKATA
ART	328	CHINESE ART.									
		PREREQUISITE: ONE YEAR OF HISTORY OF ART OR JUNIOR STANDING.									
		3 HOURS OR 3/4 UNIT									
	06423	LECT	A	2	M	W	F	302	ARCH		MUNAKATA

STUDIO COURSES PRIMARILY FOR NON-ART STUDENTS

COURSES FOR UNDERGRADUATES

ART	105	INTRODUCTION TO WATER COLOR PAINTING.									
		NOT OPEN TO STUDENTS MAJORING IN ART.									
		*STUDENTS MAY ACCUMULATE FOUR HOURS CREDIT.									
		*2 HOURS									
	06431	LAB	A	2-5	M	F	209	F	A	B	
ART	107	ELEMENTARY DRAWING.									
		FOR STUDENTS NOT MAJORING IN ART.									
		*STUDENTS MAY ACCUMULATE FOUR HOURS.									
		*2 HOURS									
	06448	LAB	A	9-12	TU	TH	384	ARMORY			
ART	123	FUNDAMENTALS OF DRAFTING AND DRAWING.									
		PRIMARILY FOR STUDENTS IN OCCUPATIONAL THERAPY AND HOME ECONOMICS.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		3 HOURS									
	06455	LAB	A	2-5	M	W	F	237	F	A	B
ART	185	DESIGN, I.									
		FOR NON-ART MAJORS.									
		2 HOURS									
	06462	LAB	A	10-12	M	W	F	155	ARMORY		
	06470	LAB	B	9-12	TU	TH	155	ARMORY			
	06487	LAB	C	3-5	M	W	F	155	ARMORY		
	06494	LAB	D	2-5	TU	TH	155	ARMORY			
	06505	LAB	E	7-PM	TU	TH	155	ARMORY			
ART	186	DESIGN, II.									
		FOR NON-ART MAJORS.									
		PREREQUISITE: ART 185.									
		2 HOURS									
	06512	LAB	A	8-10	M	W	F	155	ARMORY		
	06520	LAB	B	1-3	M	W	F	155	ARMORY		

PROFESSIONAL AND STUDIO COURSES

COURSES FOR UNDERGRADUATES

ART	113	ORIENTATION TO ART, I. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. PREREQUISITE: CONCURRENT REGISTRATION IN ONE OF ART 117, 118, 119, OR 120, OR CONSENT OF INSTRUCTOR. 1 HOUR									
	06537	LECT	A	4	TU	112	G H			KOTOSKE	
ART	117	DRAWING, I. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. 2 HOURS									
	06544	LAB	A	9-12	M F	370	ARMORY			BRIGGS AND STAFF	
	06551	LAB	B	9-12	TU TH	370	ARMORY				
	06569	LAB	C	1-4	TU TH	384	ARMORY				
	06576	LAB	D	9-12	TU TH	372	ARMORY				
	06583	LAB	E	9-12	M F	384	ARMORY				
	06591	LAB	F	2-5	M F	372	ARMORY				
	06601	LAB	G	1-4	TU TH	370	ARMORY				
	06619	LAB	H	2-5	M F	370	ARMORY				
ART	118	DRAWING, II. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. PREREQUISITE: ART 117. 2 HOURS									
	06626	LAB	A	2-5	M F	384	ARMORY			BRIGGS AND STAFF	
	06633	LAB	B	1-4	TU TH	372	ARMORY				
ART	119	DESIGN, I. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. 2 HOURS									
	06641	LAB	A	9-12	TU TH	247	ARMORY			VONGUMPPENBER AND STAFF	
	06658	LAB	B	9-12	W	247	ARMORY				
			B	2-5	W	247	ARMORY				
	06665	LAB	C	9-12	M F	386	ARMORY				
	06672	LAB	D	9-12	TU TH	386	ARMORY				
	06680	LAB	E	2-5	M F	247	ARMORY				
	06697	LAB	F	1-4	TU TH	247	ARMORY				
	06708	LAB	G	2-5	M F	386	ARMORY				
	06715	LAB	H	1-4	TU TH	386	ARMORY				
ART	120	DESIGN, II. OPEN ONLY TO STUDENTS IN COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. PREREQUISITE: ART 119. 2 HOURS									
	06722	LAB	A	9-12	M F	247	ARMORY			VONGUMPPENBER AND STAFF	
	06730	LAB	B	9-12	TU TH	106	F A B				
ART	121	DRAWING THEORY. 2 HOURS									
	06747	LAB	A	9-12	M F	235	F A B			WALLACE AND STAFF	
	06754	LAB	B	9-12	TU TH	235	F A B				
	06761	LAB	C	9-12	W	235	F A B				
			C	2-5	W	235	F A B				
	06779	LAB	D	9-12	M F	237	F A B				
	06786	LAB	E	2-5	M F	235	F A B				
	06793	LAB	F	1-4	TU TH	235	F A B				
ART	122	DRAWING THEORY. PREREQUISITE: ART 121. 2 HOURS									
	06804	LAB	A	9-12	TU TH	237	F A B				
	06811	LAB	B	1-4	TU TH	237	F A B				

ART 125 LIFE DRAWING, I.
PREREQUISITE: ART 113, 114 AND 118.

2 HOURS

06829	LAB	A	9-12	M	F	219	F A B
06836	LAB	B	9-12	TU TH		219	F A B
06843	LAB	C	9-12	W		219	F A B
		D	2-5	M	F	219	F A B
06851	LAB	D	2-5	M	F	219	F A B
06868	LAB	E	2-5	TU TH		219	F A B
06875	LAB	F	7-PM	TU TH		219	F A B
06882	LAB	G	9-12	W		236	F A B
		G	2-5	W		236	F A B
06890	LAB	H	2-5	TU TH		236	F A B

ART 126 LIFE DRAWING, II.
PREREQUISITE: ART 125.

2 HOURS

06901	LAB	A	9-12	M	F	219	F A B
06918	LAB	B	9-12	TU TH		219	F A B
06925	LAB	C	9-12	W		219	F A B
		C	2-5	W		219	F A B
06932	LAB	D	2-5	M	F	219	F A B
06940	LAB	E	2-5	TU TH		219	F A B
06957	LAB	F	7-PM	TU TH		219	F A B
06964	LAB	G	9-12	W		240	F A B
		G	2-5	W		240	F A B
06971	LAB	H	2-5	TU TH		240	F A B

ART 129 ANATOMY, I.
PREREQUISITE: ART 118.

2 HOURS

06989	LAB	A	9-12	M	F	236	F A B
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ART 130 ANATOMY, II.
PREREQUISITE: ART 129.

2 HOURS

06996	LAB	A	9-12	M	F	240	F A B
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ART 131 ELEMENTARY COMPOSITION.
PREREQUISITE: ART 113, 114, 118, 120, AND 122.

2 HOURS

07009	LAB	A	9-12	M	F	9	F A B
07016	LAB	B	9-12	TU TH		9	F A B
07023	LAB	C	9-12	W		9	F A B
		C	2-5	W		9	F A B
07031	LAB	D	2-5	M	F	9	F A B
07048	LAB	E	2-5	TU TH		9	F A B

KOTOSKE AND
STAFF

ART 132 ELEMENTARY COMPOSITION.
PREREQUISITE: ART 131.

2 HOURS

07055	LAB	A	9-12	M	F	209	F A B
07062	LAB	B	9-12	TU TH		209	F A B

ART 133 DESIGN WORKSHOP.
PRIMARILY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM.
PREREQUISITE: ART 118, 120, AND 122, OR CONSENT OF INSTRUCTOR.

3 HOURS

*3 HOURS TO BE ARRANGED.

07070	LAB	A	*9-12	M	F	32	F A B
07087	LAB	B	*9-12	TU TH		32	F A B

ART 134 DESIGN WORKSHOP.
PRIMARILY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM.
PREREQUISITE: ART 133.

3 HOURS

*3 HOURS TO BE ARRANGED.

07094	LAB	A	*9-12	M	F	32	F A B
07105	LAB	B	*9-12	TU TH		32	F A B

ART 141 STILL LIFE, I.
PREREQUISITE: FRESHMAN STANDING IN ART.
2 HOURS

07112	LAB	A	9-12	M	F	336	F A B	LANCASTER AND STAFF
07120	LAB	B	9-12	TU TH		336	F A B	
07137	LAB	C	2-5	M	F	336	F A B	
07144	LAB	D	2-5	TU TH		336	F A B	
07151	LAB	E	7-PM	TU TH		336	F A B	

ART 142 STILL LIFE, II.
PREREQUISITE: ART 141.
2 HOURS

07169	LAB	A	9-12	M	F	338	F A B	LANCASTER AND STAFF
07176	LAB	B	9-12	TU TH		338	F A B	
07183	LAB	C	2-5	M	F	338	F A B	
07191	LAB	D	2-5	TU TH		338	F A B	
07201	LAB	E	7-PM	TU TH		338	F A B	

ART 151 SCULPTURE, I.
PREREQUISITE: ART 118, 120, 122 OR ARCH. 234.
2 HOURS
*SECTION D OPEN ONLY TO STUDENTS IN SCULPTURE CURRICULUM.

07219	LAB	A	9-12	TU TH		25	F A B
07226	LAB	B	9-12	M	F	25	F A B
07233	LAB	C	7-PM	M	F	25	F A B
07258	LAB	*D	7-PM	TU TH		25	F A B
07241	LAB	E	8-11	W		25	F A B
		E	7-PM	W		25	F A B

ART 152 SCULPTURE, II.
PREREQUISITE: ART 151.
2 HOURS

07265	LAB	A	2-5	M	F	25	F A B
07272	LAB	B	2-5	TU TH		25	F A B
07280	LAB	C	7-PM	TU TH		25	F A B

ART 161 CALLIGRAPHIC DESIGN.
PREREQUISITE: SOPHOMORE STANDING IN ART.
2 HOURS

07297	LAB	A	9-12	TU TH		311	F A B
07308	LAB	B	2-5	M	F	311	F A B
07315	LAB	C	7-PM	TU TH		245	F A B
07322	LAB	D	9-12	M	F	245	F A B

ART 162 LETTERFORM DESIGN.
PREREQUISITE: SOPHOMORE STANDING IN ART.
2 HOURS

07330	LAB	A	7-PM	TU TH		311	F A B
07347	LAB	B	2-5	TU TH		319	F A B

ART 183 FREEHAND DRAWING, III.
PREREQUISITE: ART 182. PRIMARILY FOR STUDENTS IN ARCHITECTURE.
2 HOURS

07354	LAB	A	10-12	M	W	F	202	SURV BLDG	BRITSKY AND STAFF
07361	LAB	B	3-5	M	W	F	202	SURV BLDG	

ART 184 FREEHAND DRAWING, IV.
PREREQUISITE: ART 183. PRIMARILY FOR STUDENTS IN ARCHITECTURE.
2 HOURS

07379	LAB	A	8-10	M	W	F	202	SURV BLDG	BRITSKY AND STAFF
07386	LAB	B	9-12	TU TH		202	SURV BLDG		

ART 190 RECREATIONAL CRAFTS, I.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
*2 HOURS

07393	LAB	A	10-12	M	W	F	107	F A B
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ART 191 RECREATIONAL CRAFTS, II.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: ART 190.
2 HOURS

07404	LAB	A	10-12	M	W	F	107	F A B
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ART 192 METALWORK AND JEWELRY, I.
 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
 2 HOURS

07411	LAB	A	9-12	M	F	24	D K H	VON NEUMANN
07429	LAB	B	2-5	M	F	24	D K H	VON NEUMANN
07436	LAB	C	7-PM	TU TH		24	D K H	VON NEUMANN

ART 193 METALWORK AND JEWELRY, II.
 PREREQUISITE: ART 192.
 2 HOURS

07443	LAB	A	9-12	TU TH		24	D K H	MARCUS
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ART 194 POTTERY, I.
 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
 2 HOURS
 *SECTION B OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM.

07451	LAB	A	9-12	TU TH		152	N E L	FRITH
07490	LAB	*B	2-5	M	F	152	N E L	PILCHER
07468	LAB	C	2-5	TU TH		152	N E L	FRITH
07475	LAB	D	9-12	M	F	152	N E L	STAFF
07482	LAB	E	7-PM	TU TH		152	N E L	STAFF

ART 195 POTTERY, II.
 PREREQUISITE: ART 194.
 2 HOURS
 *SECTION B OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM.

07501	LAB	A	9-12	TU TH		152	N E L	FRITH
07540	LAB	*B	2-5	M	F	152	N E L	PILCHER
07518	LAB	C	2-5	TU TH		152	N E L	FRITH
07525	LAB	D	9-12	M	F	152	N E L	STAFF
07532	LAB	E	7-PM	TU TH		152	N E L	STAFF

ART 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 07557 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

ART 200 SENIOR HONORS IN ART.
 PREREQUISITE: SENIOR STANDING IN ART, UNIVERSITY GRADE POINT AVERAGE OF 4.00, AND APPROVAL OF CURRICULUM ADVISOR AND HEAD OF DEPARTMENT.
 *MAY BE REPEATED FOR A TOTAL OF 5 HOURS
 *2 TO 5 HOURS

07564	LAB-DISC	EA	ARR			139B	F A B	WICKS
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ART 201 WATER COLOR, I.
 PREREQUISITE: ART 118 AND 120.
 2 HOURS

07571	LAB	A	2-5	M	F	209	F A B
07589	LAB	B	2-5	TU TH		209	F A B

ART 202 WATER COLOR, II.
 PREREQUISITE: ART 201.
 2 HOURS

07596	LAB	A	2-5	M	F	209	F A B
07607	LAB	B	2-5	TU TH		209	F A B

ART 203 ART EDUCATION LABORATORY.
 FOR NON-ART STUDENTS ONLY.
 PREREQUISITE: JUNIOR STANDING.
 CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
 2 HOURS

07614	LAB	A	8-10	M	W F	106	F A B
07621	LAB	B	1-3	M	W F	106	F A B
07639	LAB	C	3-5	M	W F	106	F A B
07646	LAB	D	3-5	M	W F	107	F A B

ART 204 ART EDUCATION LABORATORY.
 PREREQUISITE: ART 132 OR JUNIOR STANDING.
 2 HOURS

07653	LAB	A	2-5	TU TH		106	F A B	BREEN
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ART 206 CREATIVE ART FOR CHILDREN.
 PREREQUISITE: JUNIOR STANDING IN ART EDUCATION OR CONSENT OF INSTRUCTOR.
 3 HOURS
 *1 HOUR TO BE ARRANGED.

07685	LECT	O	*4	W	133	F A B	BREEN
07661	LAB	A	8-10	S	106	F A B	
		A	8-10	S	107	F A B	
07678	LAB	B	10-12	S	106	F A B	
		B	10-12	S	107	F A B	

ART 208 ORGANIZATION OF PUBLIC SCHOOL ART PROGRAMS.
 PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
 3 HOURS

07692	LECT	A	B	M W F	207	F A B	MARSHALL
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ART 215 BASIC PHOTOGRAPHY, I.
 SUPPLIES COST APPROXIMATELY \$40.
 PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
 3 HOURS
 *THREE HOURS TO BE ARRANGED

07703	LAB	A	*8-10	M W F	335	F A B	PARKER
07711	LAB	B	*9-12	TU TH	335	F A B	NAMETH
07728	LAB	C	*7-PM	TU TH	335	F A B	SINSABAUGH
07735	LAB	D	*3-5	M W F	335	F A B	PARKER

ART 216 BASIC PHOTOGRAPHY, II.
 SUPPLIES COST APPROXIMATELY \$40.
 PREREQUISITE: ART 215.
 *STUDENTS MAY ACCUMULATE 6 HOURS WITH CONSENT OF INSTRUCTOR.
 *3 HOURS
 IT IS RECOMMENDED THAT ART 216 BE TAKEN NO LATER THAN ONE SEMESTER AFTER COMPLETION OF ART 215.
 *SECTION C OPEN ONLY TO STUDENTS REPEATING ART 216
 THREE HOURS TO BE ARRANGED.

07742	LAB	A	10-12	M W F	335	F A B	PARKER
07750	LAB	B	2-5	TU TH	335	F A B	SINSABAUGH
07767	LAB	C	ARR		132	F A B	SINSABAUGH

ART 225 INTERMEDIATE DRAWING, I.
 PREREQUISITE: JUNIOR STANDING IN ART.
 2 HOURS

07774	LAB	A	9-12	TU TH	236	F A B	
07781	LAB	B	2-5	M F	236	F A B	
07799	LAB	C	7-PM	TU TH	236	F A B	

ART 226 INTERMEDIATE DRAWING, II.
 PREREQUISITE: ART 225.
 2 HOURS

07800	LAB	A	9-12	TU TH	240	F A B	
07817	LAB	B	2-5	M F	240	F A B	
07824	LAB	C	7-PM	TU TH	240	F A B	

ART 231 INTERMEDIATE COMPOSITION, I.
 PREREQUISITE: ART 132.
 3 HOURS

07831	LAB	A	9-12	M W F	324	F A B	
07849	LAB	B	2-5	M W F	324	F A B	

ART 232 INTERMEDIATE COMPOSITION, II.
 PREREQUISITE: ART 231.
 3 HOURS

07856	LAB	A	9-12	M W F	324	F A B	
07863	LAB	B	2-5	M W F	324	F A B	

ART 233 ADVANCED COMPOSITION, I.
 PREREQUISITE: ART 232.
 3 HOURS

07871	LAB	A	9-12	TU TH	308	F A B	
		A	2-5	W	308	F A B	
07888	LAB	B	9-12	TU TH	318	F A B	
		B	2-5	W	318	F A B	

ART	234	ADVANCED COMPOSITION, II.					
		PREREQUISITE: ART 233.					
		3 HOURS					
	07895	LAB	A	9-12	TU TH	308	F A B
			A	2-5	W	308	F A B
	07906	LAB	B	9-12	TU TH	318	F A B
			B	2-5	W	318	F A B
ART	243	FIGURE PAINTING, I.					
		PREREQUISITE: JUNIOR STANDING IN ART.					
		2 HOURS					
	07913	LAB	A	9-12	TU TH	324	F A B
	07921	LAB	B	2-5	TU TH	324	F A B
	07938	LAB	C	7-PM	TU TH	324	F A B
ART	244	FIGURE PAINTING, II.					
		PREREQUISITE: ART 243.					
		2 HOURS					
	07945	LAB	A	9-12	TU TH	324	F A B
	07952	LAB	B	2-5	TU TH	324	F A B
	07960	LAB	C	7-PM	TU TH	324	F A B
ART	245	ADVANCED PAINTING AND DRAWING, I.					
		PREREQUISITE: ART 226 AND 244.					
		3 HOURS					
	07977	LAB	A	9-12	M W F	308	F A B
	07984	LAB	B	9-12	M W F	318	F A B
ART	246	ADVANCED PAINTING AND DRAWING, II.					
		PREREQUISITE: ART 245.					
		3 HOURS					
	07991	LAB	A	9-12	M W F	308	F A B
	08004	LAB	B	9-12	M W F	318	F A B
ART	248	SPECIAL PROBLEMS.					
		PREREQUISITE: JUNIOR STANDING IN ART AND CONSENT OF INSTRUCTOR.					
		*MAY BE REPEATED FOR A TOTAL OF EIGHT SEMESTER HOURS.					
		*2 HOURS					
	08011	LAB-DISC	A	ARR		139B	F A B WICKS
	08029	LAB-DISC	B	ARR		139B	F A B WICKS
ART	251	ADVANCED SCULPTURE, I.					
		PREREQUISITE: ART 152.					
		2 HOURS					
	08036	LAB	A	2-5	M F	25	F A B
	08043	LAB	B	2-5	TU TH	25	F A B
	08051	LAB	C	7-PM	TU TH	25	F A B
ART	252	ADVANCED SCULPTURE, II.					
		PREREQUISITE: ART 251.					
		2 HOURS					
	08068	LAB	A	2-5	M F	25	F A B
	08075	LAB	B	2-5	TU TH	25	F A B
	08082	LAB	C	7-PM	TU TH	25	F A B
ART	253	INTERMEDIATE SCULPTURE, I.					
		PREREQUISITE: ART 152.					
		2 HOURS					
	08090	LAB	A	2-5	M F	25	F A B
	08101	LAB	B	2-5	TU TH	25	F A B
	08118	LAB	C	7-PM	TU TH	25	F A B
ART	254	INTERMEDIATE SCULPTURE, II.					
		PREREQUISITE: ART 253.					
		2 HOURS					
	08125	LAB	A	2-5	M F	25	F A B
	08132	LAB	B	2-5	TU TH	25	F A B
	08140	LAB	C	7-PM	TU TH	25	F A B

ART 255 SCULPTURE MATERIALS AND TECHNIQUES, I.
 PREREQUISITE: ART 152 AND JUNIOR STANDING IN SCULPTURE.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.

08157	LAB	A	*2-5	M	F	25	F A B
08164	LAB	B	*2-5	TU TH		25	F A B
08171	LAB	C	*7-PM	TU TH		25	F A B

ART 256 SCULPTURE MATERIALS AND TECHNIQUES, II.
 PREREQUISITE: ART 255.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.

08189	LAB	A	*2-5	M	F	25	F A B
08196	LAB	B	*2-5	TU TH		25	F A B
08207	LAB	C	*7-PM	TU TH		25	F A B

ART 257 ADVANCED SCULPTURE, I.
 PREREQUISITE: ART 254.
 2 HOURS

08214	LAB	A	2-5	M	F	25	F A B
08221	LAB	B	2-5	TU TH		25	F A B
08239	LAB	C	7-PM	TU TH		25	F A B

ART 258 ADVANCED SCULPTURE, II.
 PREREQUISITE: ART 257.
 2 HOURS

08253	LAB	B	2-5	TU TH		25	F A B
08246	LAB	A	2-5	M	F	25	F A B
08261	LAB	C	7-PM	TU TH		25	F A B

ART 259 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, I.
 PREREQUISITE: ART 256.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.

08278	LAB	A	*2-5	M	F	25	F A B
08285	LAB	B	*2-5	TU TH		25	F A B
08292	LAB	C	*7-PM	TU TH		25	F A B

ART 260 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, II.
 PREREQUISITE: ART 259.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.

08303	LAB	A	*2-5	M	F	25	F A B
08311	LAB	B	*2-5	TU TH		25	F A B
08328	LAB	C	*7-PM	TU TH		25	F A B

ART 263 REPRODUCTION GRAPHICS.
 PREREQUISITE: JUNIOR STANDING IN GRAPHIC DESIGN.
 FIELD TRIPS REQUIRED.
 2 HOURS

08335	LAB	A	9-12	TU TH		319	F A B	PERLMAN
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ART 264 TELEVISION GRAPHICS.
 PREREQUISITE: SENIOR STANDING IN GRAPHIC DESIGN.
 2 HOURS

08342	LAB	A	9-12	TU TH		245	F A B	KORBUS
08350	LAB	B	2-5	TU TH		245	F A B	KORBUS

ART 265 GRAPHIC DESIGN, I.
 PREREQUISITE: ART 161 AND 162 FOR GRAPHIC DESIGN MAJORS; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR FOR OTHERS.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.

08367	LAB	A	*9-12	M	F	311	F A B
08374	LAB	B	*2-5	TU TH		311	F A B

ART 266 GRAPHIC DESIGN, II.
 PREREQUISITE: ART 265.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.

08381	LAB	A	*2-5	M	F	319	F A B
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ART	267	GRAPHIC DESIGN, III.							
		PREREQUISITE: ART 266.							
		3 HOURS							
	08399	LAB	A	9-12	M W F	319	F A B		
	08400	LAB	B	2-5	M W F	319	F A B		
	08417	LAB	C	9-12	M W F	319	F A B		
ART	268	GRAPHIC DESIGN, IV.							
		PREREQUISITE: ART 267.							
		3 HOURS							
	08424	LAB	A	9-12	M W F	319	F A B		
	08431	LAB	B	2-5	M W F	319	F A B		
	08449	LAB	C	9-12	M W F	319	F A B		
ART	271	MATERIALS AND PROCESSES, I.							
		PREREQUISITE: ART 134.							
		3 HOURS							
	08456	LAB	A	9-12	M W F	20	F A B	PRICE	
			A	9-12	M W F	32	F A B		
	08463	LAB	B	2-5	M W F	20	F A B	PRICE	
			B	2-5	M W F	32	F A B		
ART	272	MATERIALS AND PROCESSES, II.							
		PREREQUISITE: ART 271.							
		3 HOURS							
	08471	LAB	A	9-12	M W F	20	F A B	PRICE	
			A	9-12	M W F	32	F A B		
	08488	LAB	B	2-5	M W F	20	F A B	PRICE	
			B	2-5	M W F	32	F A B		
ART	275	INDUSTRIAL DESIGN, I.							
		PREREQUISITE: ART 134.							
		FIELD TRIP REQUIRED.							
		3 HOURS							
	08495	LAB	A	9-12	M W F	40	F A B		
	08506	LAB	B	2-5	M W F	40	F A B		
ART	276	INDUSTRIAL DESIGN, II.							
		PREREQUISITE: ART 275.							
		FIELD TRIP REQUIRED.							
		3 HOURS							
	08513	LAB	A	9-12	M W F	40	F A B		
	08521	LAB	B	2-5	M W F	40	F A B		
ART	277	ADVANCED INDUSTRIAL DESIGN, I.							
		PREREQUISITE: ART 276.							
		5 HOURS							
	08538	LAB	A	9-12	TU TH S	12	F A B		
			A	2-5	TU TH	12	F A B		
ART	278	ADVANCED INDUSTRIAL DESIGN, II.							
		PREREQUISITE: ART 277.							
		5 HOURS							
	08545	LAB	A	9-12	TU TH S	12	F A B		
			A	2-5	TU TH	12	F A B		
ART	281	FREEHAND DRAWING, V.							
		PREREQUISITE: ART 184.							
		2 HOURS							
	08552	LAB	A	9-12	TU TH	104	SURV BLDG	BRITSKY	
	08560	LAB	B	8-11	M F	104	SURV BLDG	AND STAFF	
	08577	LAB	C	9-12	TU TH	201	SURV BLDG		
	08584	LAB	D	1-4	TU TH	104	SURV BLDG		
	08591	LAB	E	1-4	TU TH	202	SURV BLDG		
	08602	LAB	F	1-4	TU TH	201	SURV BLDG		
ART	282	FREEHAND DRAWING, VI.							
		PREREQUISITE: ART 281.							
		2 HOURS							
	08610	LAB	A	9-12	TU TH	104	SURV BLDG	BRITSKY	
	08627	LAB	B	8-11	M F	104	SURV BLDG	AND STAFF	
	08634	LAB	C	9-12	TU TH	201	SURV BLDG		
	08641	LAB	D	1-4	TU TH	104	SURV BLDG		
	08659	LAB	E	1-4	TU TH	202	SURV BLDG		
	08666	LAB	F	1-4	TU TH	201	SURV BLDG		

ART	283	PRINTMAKING, I.										
		PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.										
		2 HOURS										
	08673	LAB	A	2-5	M	F	GRAD STUDIO			ROWAN		
	08681	LAB	B	9-12		S	GRAD STUDIO			AND STAFF		
			B	7-PM		TH	GRAD STUDIO					
ART	284	PRINTMAKING, II.										
		PREREQUISITE: ART 283.										
		2 HOURS										
	08698	LAB	A	2-5	M	F	GRAD STUDIO			ROWAN		
	08709	LAB	B	9-12		S	GRAD STUDIO			AND STAFF		
			B	7-PM		TH	GRAD STUDIO					
ART	285	LITHOGRAPHY, I.										
		PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.										
		2 HOURS										
	08716	LAB	A	9-12	TU TH		103	SURV BLDG		DOWELL		
ART	286	LITHOGRAPHY, II.										
		PREREQUISITE: ART 285.										
		2 HOURS										
	08723	LAB	A	2-5	TU TH		103	SURV BLDG		DOWELL		
ART	288	GLASSWORKING, I.										
		PREREQUISITE: ART 134; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.										
		2 HOURS										
	08731	LAB	A	2-5	TU TH		151	N E L		MARCUS		
ART	290	CERAMIC RAW MATERIALS.										
		PREREQUISITE: L. A. S. 141, 142, JUNIOR STANDING IN CURRICULUM IN CRAFTS-CERAMIC EMPHASIS.										
		2 HOURS										
	08748	LAB	A	9-12	M	F	152	N E L		PILCHER		
ART	291	GLAZE CALCULATION.										
		PREREQUISITE: L. A. S. 141, 142, ART 290, JUNIOR STANDING IN CURRICULUM IN CRAFTS-CERAMIC EMPHASIS.										
		2 HOURS										
	08755	LAB	A	9-12	M	F	152	N E L		PILCHER		
ART	292	INTRODUCTION TO METAL DESIGN IN JEWELRY.										
		PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.										
		3 HOURS										
	08762	LAB	A	9-12	M	W F	24	D K H		VON NEUMANN		
	08770	LAB	B	2-5	M	W F	24	D K H		VON NEUMANN		
ART	293	DEVELOPMENT OF METAL DESIGN IN JEWELRY.										
		PREREQUISITE: ART 292.										
		3 HOURS										
	08787	LAB	A	9-12	TUWTH		24	D K H		MARCUS		
ART	294	CERAMIC DESIGN, I.										
		PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.										
		3 HOURS										
	08794	LAB	A	ARR			152	N E L		PILCHER		
ART	295	CERAMIC DESIGN, II.										
		PREREQUISITE: ART 294.										
		3 HOURS										
	08805	LAB	A	ARR			152	N E L		PILCHER		
ART	296	DECORATIVE METAL TECHNIQUES.										
		PREREQUISITE: ART 293.										
		5 HOURS										
	08812	LAB	A	9-12	MTUWTHF		24	D K H		MARCUS AND VON NEUMANN		

ART	297	CONSTRUCTION OF HOLLOW AND FLATWARE IN SILVERSMITHING.						
		PREREQUISITE: ART 296.						
		5 HOURS						
	08820	LAB	A	9-12	MTUWTHF	24	D K H	MARCUS AND VON NEUMANN
ART	298	CERAMIC DESIGN, III.						
		PREREQUISITE: ART 295.						
		5 HOURS						
	08837	LAB	A	9-12	MTUWTHF	152	N E L	PILCHER
ART	299	CERAMIC DESIGN, IV.						
		PREREQUISITE: ART 298.						
		5 HOURS						
	08844	LAB	A	9-12	MTUWTHF	152	N E L	PILCHER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ART	380	DRAWING.						
		PREREQUISITE: CONSENT OF INSTRUCTOR. FOR GRADUATE STUDENTS,						
		CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE.						
		2 HOURS, OR 1/2 TO 1 UNIT						
	08851	LAB	A	7-PM	TU TH	229	F A B	
	08869	LAB	B	ARR		134	F A B	
ART	381	PAINTING.						
		PREREQUISITE: ART 142 OR EQUIVALENT, FOR GRADUATE STUDENTS,						
		CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES						
		FOR M. F. A. IN PAINTING.						
		*COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS.						
		*2 TO 4 HOURS, OR 1/2 TO 1 UNIT						
	08876	LAB	A	ARR		140	F A B	BRADSHAW
ART	382	PAINTING MATERIALS AND TECHNIQUES.						
		PREREQUISITE: ART 142 OR GRADUATE STANDING IN ART.						
		2 HOURS OR 1/2 UNIT						
	08883	LAB	A	7-PM	TUW	339	F A B	KENNEDY
ART	383	PRINT MEDIA.						
		PREREQUISITE: ART 284 OR EQUIVALENT. FOR GRADUATE STUDENTS,						
		CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES						
		FOR M. F. A. IN PAINTING.						
		2 HOURS, OR 1/2 TO 1 UNIT						
	08891	LAB	A	ARR		GRAD STUDIO		ROWAN
	08901	LAB	B	ARR		GRAD STUDIO		
ART	385	LITHOGRAPHY.						
		PREREQUISITE: ART 286 OR, FOR GRADUATE STUDENTS, CONSENT OF						
		DEPARTMENTAL GRADUATE COMMITTEE.						
		2 HOURS, OR 1/2 TO 1 UNIT						
	08919	LAB	A	ARR		103	SURV BLDG	DOWELL
ART	387	PHOTOGRAPHY.						
		PREREQUISITE: ART 216 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.						
		*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OR 2 UNITS.						
		*3 HOURS OR 1/2 TO 1 UNIT						
	08926	LAB	A	ARR		132	F A B	SINSABAUGH
ART	388	CINEMATOGRAPHY.						
		PREREQUISITE: ART 215 AND CONSENT OF INSTRUCTOR.						
		*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS.						
		*3 HOURS, OR 1/2 TO 1 UNIT						
		THREE HOURS TO BE ARRANGED.						
	08933	LAB	A	7-PM	TU TH	207	F A B	NAMETH
	08941	LAB	B	2-5	TU TH	207	F A B	NAMETH
ART	391	ADVANCED SCULPTURE TECHNIQUES.						
		PREREQUISITE: ART 252 OR EQUIVALENT.						
		2 HOURS, OR 1/2 TO 1 UNIT						
	08958	LAB	A	ARR		25	F A B	GALLO

ART	392	SILVERSMITHING, I.										
		PREREQUISITE: CONSENT OF INSTRUCTOR.										
		2 HOURS, OR 1/2 TO 1 UNIT										
	08965	LAB	A	9-12	M	F	24	D	K	H	VON NEUMANN	
	08972	LAB	B	2-5	M	F	24	D	K	H	VON NEUMANN	

ART	393	SILVERSMITHING, II.										
		PREREQUISITE: CONSENT OF INSTRUCTOR.										
		2 HOURS, OR 1/2 TO 1 UNIT										
	08980	LAB	A	ARR			152	N	E	L	VON NEUMANN	

ART	394	CERAMIC DESIGN.										
		PREREQUISITE: ART 295 OR CONSENT OF INSTRUCTOR.										
		2 TO 4 HOURS, OR 1/2 TO 2 UNITS										
	08997	LAB	A	ARR			152	N	E	L	FRITH	

COURSES FOR GRADUATES

ART	450	STUDIES IN MODERN ART.										
		PREREQUISITE: CONSENT OF INSTRUCTOR.										
		1 UNIT										
	09000	CONF	A	ARR			11N	ARCH			FRANCISCO	

ART	455	SEMINAR IN BAROQUE ART.										
		PREREQUISITE: ART 319, 320, OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.										
		1 UNIT.										
	09017	CONF	A	ARR			11N	ARCH			PINNELL	

ART	467	GRAPHIC DESIGN LABORATORY.										
		PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN GRAPHIC DESIGN, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.										
		1 TO 3 UNITS										
	09024	LAB	A	ARR			327	F	A	B	STERKEL	
	09031	LAB	B	ARR			327	F	A	B		
	09049	LAB	C	ARR			327	F	A	B		

ART	477	INDUSTRIAL DESIGN LABORATORY.										
		PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN INDUSTRIAL DESIGN OR THE CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.										
		1 TO 3 UNITS										
	09056	LAB	A	ARR			128	F	A	B	ZAGORSKI	
	09063	LAB	B	ARR			128	F	A	B		
	09071	LAB	C	ARR			128	F	A	B		

ART	491	SPECIAL PROBLEMS.										
		1/2 TO 2 UNITS										
	09088	LAB	A	ARR							GRAD STUDIO	
	09095	LAB	B	ARR							GRAD STUDIO	

ART	492	INDIVIDUAL READINGS IN HISTORY OF ART.										
		PREREQUISITE: CONSENT OF INSTRUCTOR.										
		1/2 TO 1 UNIT										
	09106	CONF	A	ARR							STAFF	

ART	493	SEMINAR.										
		PREREQUISITE: GRADUATE STANDING IN ART.										
		1 UNIT										
	09113	CONF	A	7-PM	M		133	F	A	B	STAFF	
	09121	CONF	B	ARR								

ART	495	PAINTING LABORATORY.										
		PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN PAINTING AND PRINTMAKING, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.										
		1/2 TO 3 UNITS										
	09138	LAB	A	ARR							GRAD STUDIO	
											SAVAGE AND OTHERS	

ART	496	SCULPTURE LABORATORY.										
		PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN SCULPTURE, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.										
		1 TO 3 UNITS										
	09145	LAB	A	ARR							ART SCULPT	
											GALLO	

ART 497 PRINT WORKSHOP.
PREREQUISITE: GRADUATE STANDING IN ART.
1/2 TO 3 UNITS

09152	LAB	A	ARR	GRAD STUDIO	ROWAN
09160	LAB	B	ARR	103 SURV BLDG	DOWELL

ART 499 THESIS RESEARCH.
PREREQUISITE: FULL GRADUATE STANDING IN HISTORY OF ART.
0 TO 4 UNITS

09177	CONF	A	ARR
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ASIAN STUDIES

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

AN UNDERGRADUATE MINOR IN ASIAN STUDIES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES REQUIRES AT LEAST TWENTY SEMESTER HOURS. THE TWENTY HOURS MUST INCLUDE ASIAN STUDIES 202 AND THE REMAINDER DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR CREDIT MAY NOT BE INCLUDED WITHIN THE TWENTY HOURS FOR THE MINOR. IT IS ADVISABLE EITHER TO INCLUDE IN THE MINOR, OR TO ACCOMPANY THE MINOR WITH, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED. BURMESE, CHINESE, INDONESIAN, JAPANESE, KOREAN, AND PERSIAN ARE OFFERED BY THE CENTER FOR ASIAN STUDIES. HINDI, ARABIC AND MODERN HEBREW ARE GIVEN IN THE DEPARTMENT OF LINGUISTICS. STUDENTS INTENDING TO MINOR IN ASIAN STUDIES SHOULD NOTIFY THE CENTER OFFICE.

A CANDIDATE FOR A MASTER'S DEGREE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW.

A DOCTORAL CANDIDATE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW. ALSO THE DOCTORAL CANDIDATE MUST, PRIOR TO THE COMPLETION OF HIS COURSE REQUIREMENTS FOR THE DEGREE, COMPLETE SATISFACTORILY ONE OF THE FOLLOWING: ARABIC 304, BURMESE 304, CHINESE 304, HINDI 304, INDONESIAN 304, JAPANESE 304, OR EQUIVALENT.

THE COURSES CHOSEN FOR THE GRADUATE MINOR MUST BE IN DEPARTMENTS OUTSIDE THE CANDIDATE'S MAJOR.

STUDENTS SHOULD BE ADVISED TO CONSULT WITH THE CENTER OFFICE FOR OTHER COURSES THAT MAY BE ACCEPTABLE FOR CREDIT TOWARD THE MINOR.

STUDENTS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF EAST, SOUTHEAST, SOUTH, AND MIDDLE EAST ASIAN AFFAIRS AND CULTURES ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR AND FACULTY MEMBERS OF THE CENTER FOR ASIAN STUDIES IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. THE CENTER IS DESIGNATED A NATIONAL DEFENSE EDUCATION ACT (N.D.E.A.). LANGUAGE AND AREA STUDIES CENTER. THE DIRECTOR IS PROFESSOR ROBERT B. CRAWFORD, ASSOCIATE DIRECTOR IS G. L. TIKKU, ROOM 201, 1208 WEST CALIFORNIA, URBANA.

BELOW ARE LISTED COURSES ACCEPTABLE TOWARD THE ASIAN STUDIES MINOR. FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTH	315*, 316*, 366, 368 375, 383, 384, 409, 410, 450**	HIST	396, 397, 398, 399, 409, 441, 443, 445
AG EC	353	INDON	201, 202, 303, 304
ARAB	201, 202, 203, 204, 303 304, 305, 306, 307, 308	JAPAN	201, 202, 203, 204, 205, 206, 301, 302, 303, 304, 305, 306, 309, 310, 320, 330
ART	209, 302, 306, 316, 326 327, 328, 452, 453	KOREA	201, 202, 303, 304, 330
AS ST	202, 295	LING	303**, 330, 350, 351, 360, 382, 383, 409, 410, 490**
BURM	201, 202, 303, 304	M HBR	201, 202, 303, 304, 305, 306
CHIN	201, 202, 203, 204, 205, 206 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 320, 330, 350	MUSIC	316*, 317*
C LIT	309	PERS	201, 202, 205, 206, 303, 304, 305, 306, 309
ECON	353, 358, 490**	PHIL	361
GEOG	351, 357	POL S	337, 338, 347, 348, 349, 380, 389, 437, 446, 448, 449
HINDI	201, 202, 303, 304, 305, 306, 307, 308, 309, 310,	R SOC	343
HIST	209, 210, 298**, 307, 308, 387, 388, 389, 390, 391, 392, 393, 394, 395,	SOC	328, 343, 355, 371

*THESE COURSES OCCASIONALLY FOCUS ON AREAS OTHER THAN ASIA. THEY MAY BE COUNTED TOWARD THE MINOR ONLY DURING THE SEMESTER WHEN THEY FOCUS ON ASIA.
**ONLY THE SECTIONS FOCUSING ON ASIA MAY BE COUNTED TOWARD THE MINOR.

COURSES FOR ADVANCED UNDERGRADUATES

AS ST 295 READINGS COURSE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 4 HOURS
OPEN TO FRESHMEN.
09184 CONF ARR

COURSES FOR GRADUATES

AS ST 450 SEMINAR IN ASIAN STUDIES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED UP TO 3 UNITS.
*1 UNIT
*SECTION A CONCERNS THE HAN DYNASTY.
*SECTION B CONCERNS ISLAM AND CONTEMPORARY SOCIETY.
09191 CONF *A ARR
09202 CONF *B ARR

POKORA
BERQUE

AS ST 490 INDIVIDUAL STUDY AND RESEARCH IN SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 3 UNITS
09210 CONF ARR

CRAWFORD

ASTRONOMY

DEPARTMENT OFFICE

103 OBSERV

MAJOR: TWENTY HOURS IN ASTRONOMY EXCLUDING ASTRONOMY 101. PHYSICS COURSES AT THE 300-LEVEL MAY BE SUBSTITUTED FOR ASTRONOMY COURSES TO THE EXTENT OF SIX HOURS AS PART OF THE MAJOR.

MINOR: TWENTY HOURS WHICH MUST INCLUDE PHYSICS 106, 107, AND 108. THE REMAINING EIGHT HOURS MAY BE TAKEN IN PHYSICS OR IN ONE OF THE FOLLOWING SUBJECTS: CHEMISTRY, GEOLOGY, MATHEMATICS, PHILOSOPHY. IF TWO SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

INDIVIDUAL INSTRUCTION IS PROVIDED FOR SUPERIOR UNDERGRADUATE STUDENTS AT HOURS TO BE ARRANGED.

COURSES FOR UNDERGRADUATES

ASTR 101	DESCRIPTIVE ASTRONOMY. NOT OPEN TO STUDENTS WHO HAVE HAD TWO OR MORE SEMESTERS OF COLLEGE PHYSICS. *CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210. *4 HOURS STUDENTS WHO REGISTER IN LECTURE 1 MUST ALSO REGISTER IN DISCUSSION A, B, C, D, OR E. STUDENTS WHO REGISTER IN LECTURE 2 MUST ALSO REGISTER IN DISCUSSION F, G, H, I, OR J.									
09227	LECT	1	11	M	W	F	319	G H	YOSS	
09234	DISC	A	10	TU			3	G H		
09241	DISC	B	11	TU			43	G H		
09259	DISC	C	1	TU			43	G H		
09266	DISC	D	2	TU			43	G H		
09273	DISC	E	3	TU			43	G H		
09281	LECT	2	1	M	W	F	124	BUR HALL	AVNER	
09298	DISC	F	10	TU			221	G H		
09309	DISC	G	11	TU			221	G H		
09316	DISC	H	1	TU			221	G H		
09323	DISC	I	2	TU			221	G H		
09331	DISC	J	3	TU			221	G H		

ASTR 102 DESCRIPTIVE ASTRONOMY.										
PREREQUISITE: ASTR. 101.										
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.										
*4 HOURS										
STUDENTS WHO REGISTER IN THE LECTURE MUST ALSO REGISTER IN										
DISCUSSION A, B, C, OR D.										
09348	LECT		2		M	W	F	124	BUR HALL	WYATT
09355	DISC	A	10				TH	221	G H	
09362	DISC	B	11				TH	221	G H	
09370	DISC	C	1				TH	221	G H	
09387	DISC	D	2				TH	221	G H	

ASTR 110	SELECTED TOPICS IN ASTRONOMY.									
	PREREQUISITE: ASTR. 102.									
	*NOT OPEN TO STUDENTS WITH CREDIT IN ASTR. 210.									
	*2 HOURS									
09394	LECT-DISC	2	M	W		124	OBSERV	KALER		

COURSES FOR ADVANCED UNDERGRADUATES

ASTR 210 GENERAL ASTRONOMY.									
PREREQUISITE: TWO SEMESTERS OF COLLEGE PHYSICS.									
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 101 OR ASTR. 102.									
*3 HOURS									
09405	LECT	1	M	W	F	160	M E B	OLSON	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ASTR 301	INTRODUCTORY ASTROPHYSICS.									
	PREREQUISITE: PHYS. 108.									
	3 HOURS OR 1 UNIT									
09412	LECT	3	M	W	F	160	M	E	B	CAHN

ASTR	306	FOUNDATIONS OF MECHANICS AND GRAVITATIONAL THEORY. SAME AS A.A.E. 306.								
		PREREQUISITE: MATH. 142 OR 143.								
		3 HOURS OR 1 UNIT								
	09420	LECT		11	M W F	160	M E B		AVNER	
ASTR	317	ELEMENTS OF MAGNETOHYDRODYNAMICS. SAME AS A. A. E. 317.								
		PREREQUISITE: A. A. E. 212 OR CONSENT OF INSTRUCTOR.								
		3 HOURS OR 1 UNIT								
	09437	LECT-DISC	A	9	M W F	203	T B		BOND	
ASTR	322	STELLAR SYSTEMS, II.								
		PREREQUISITE: ASTR. 321.								
		3 HOURS OR 1 UNIT								
	09444	LECT		1	M W F	124	OBSERV		WYATT	
ASTR	357	RADIO ASTRONOMY. SAME AS E. E. 357.								
		PREREQUISITE: PHYCS. 108.								
		3 HOURS OR 1 UNIT								
	09451	LECT		10	M W F	160	M E B		SWENSON	

COURSES FOR GRADUATES

ASTR	403	GASEOUS NEBULAE AND THE INTERSTELLAR MEDIUM.								
		PREREQUISITE: ASTR. 301.								
		1 UNIT								
	09469	LECT		3	M W F	124	OBSERV		KALER	
ASTR	415	EXPERIMENTAL METHODS IN RADIO ASTRONOMY.								
		PREREQUISITE: CONSENT OF INSTRUCTOR.								
		*STUDENTS MAY ACCUMULATE TWO UNITS.								
		*1 UNIT								
	09476	CONF		ARR					SWENSON	
ASTR	491	SEMINAR IN SPECIAL TOPICS.								
		PREREQUISITE: CONSENT OF INSTRUCTOR.								
		1 TO 4 UNITS								
	09483	LECT-DISC	A	4	M W F	221	G H		STAFF	
	09491	LECT-DISC	B	4	TU TH	221	G H		STAFF	
ASTR	499	THESIS RESEARCH								
		0 TO 4 UNITS								
	09501	CONF		ARR					STAFF	

AVIATION

DEPARTMENT OFFICE

U OF I WILLARD AIRPORT

COURSES OFFERED BY THE INSTITUTE OF AVIATION ARE OPEN TO STUDENTS AND FACULTY IN ALL DEPARTMENTS OF THE UNIVERSITY, SUBJECT TO LIMITATIONS IMPOSED BY THE AVAILABILITY OF SPACE AND EQUIPMENT. CREDIT FOR INSTITUTE OF AVIATION COURSES IS GENERAL UNIVERSITY CREDIT. HOWEVER, ITS USE AS CREDIT TOWARD GRADUATION IS A MATTER FOR EACH COLLEGE TO PASS UPON.

THE FEE FOR EACH INSTITUTE OF AVIATION FLIGHT COURSE IS \$550, EXCEPT FOR AVIATION 105 OR 115 WHICH IS \$245. IT WILL BE NECESSARY FOR THE AVIATION 101 STUDENT TO OBTAIN AN F.A.A. MEDICAL CERTIFICATE AT HIS OWN EXPENSE. STUDENTS IN AVI. 140 ARE REQUIRED TO POSSESS A CURRENT SECOND CLASS F.A.A. MEDICAL CERTIFICATE AT THE TIME OF REGISTRATION.

BUS TRANSPORTATION BETWEEN THE CAMPUS AND AIRPORT IS PROVIDED FREE OF CHARGE TO ALL STUDENTS REGISTERED IN AVIATION COURSES. THE DAILY BUS SCHEDULE, WITH ROUTINGS, IS LISTED SEPARATELY IMMEDIATELY FOLLOWING THE FLIGHT COURSES. STUDENTS MAY PROVIDE THEIR OWN TRANSPORTATION IF THEY WISH. IN EITHER EVENT, ALL STUDENTS REGISTERING FOR AVIATION COURSES SHOULD SELECT THE APPROPRIATE BUS SECTIONS IN ORDER TO AVOID CONFLICTS WITH ON-CAMPUS COURSES.

DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY FLIGHT COURSE. ONLY GRADUATE STUDENTS AND SENIORS WILL BE PERMITTED TO REGISTER ON THE FIRST DAY OF ADVANCED REGISTRATION, JUNIORS WILL BE PERMITTED TO REGISTER ON THE SECOND DAY, SOPHOMORES ON THE THIRD DAY, AND FRESHMAN ON THE FOURTH DAY. DURING THE ADVISING PERIOD OF ADVANCE ENROLLMENT, EACH STUDENT PLANNING TO REGISTER FOR A FLIGHT COURSE MUST GO TO 317 E H FOR APPROVAL AND SECTIONING.

COURSES FOR UNDERGRADUATES

IN SOME CASES TWO OR MORE FLIGHT COURSES MAY BE TAKEN CONCURRENTLY BY SPECIAL PERMISSION.

AVI 101 PRIVATE PILOT.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. EACH AVI. 101 STUDENT MUST REGISTER FOR ONE LECT., ONE DISC. AND ONE FLIGHT SECTION.

09519	LECT	A	8	TU TH S	400	E H	EMANUEL
09526	LECT	B	11	M W F	400	E H	EMANUEL
09533	LECT	C	2	M W F	400	E H	EMANUEL
09541	DISC	A	730-930PM	M	305	E H	BENN
09558	DISC	B	730-930PM	TU	305	E H	AND STAFF
09565	FLT	F 1	8-930	M W F		AIRPORT	
09572	FLT	F 2	930-11	M W F		AIRPORT	
09580	FLT	F 3	1230-2	M W F		AIRPORT	
09597	FLT	F 4	2-330	M W F		AIRPORT	
09608	FLT	F 5	330-5	M W F		AIRPORT	
09615	FLT	F 6	8-930	TU TH S		AIRPORT	
09622	FLT	F 7	930-11	TU TH S		AIRPORT	
09630	FLT	F 8	1230-2	TU TH S		AIRPORT	
09647	FLT	F 9	2-330	TU TH S		AIRPORT	
09654	FLT	F10	330-5	TU TH S		AIRPORT	

AVI 105 SOARING, I.

1 HOUR

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09661	FLT	ARR	DUNN
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AVI 115 SOARING, II.

PREREQUISITE: AVI. 110 OR EQUIVALENT.

1 HOUR

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09679	FLT	ARR	DUNN
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AVI 120 SECONDARY FLIGHT.
 PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC									
09686	LECT-DISC		3	M	W	F	400	E H	EMANUEL
09693	FLT	F 1	8-930	M	W	F			BENN
09704	FLT	F 2	930-11	M	W	F			AND STAFF
09711	FLT	F 3	1230-2	M	W	F			
09729	FLT	F 6	8-930	TU	TH	S			AIRPORT
09736	FLT	F 7	930-11	TU	TH	S			AIRPORT
09743	FLT	F 8	1230-2	TU	TH	S			AIRPORT
09751	FLT	F 9	2-330	TU	TH	S			AIRPORT
09768	FLT	F10	330-5	TU	TH	S			AIRPORT

AVI 130 INTERMEDIATE FLIGHT.
 PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC									
09775	LECT-DISC		9	M	W	F	400	E H	EMANUEL
09782	FLT	X 2	1-5	M					GORDON
09790	FLT	X 3	8-12	TU					AND STAFF
09801	FLT	X 4	1-5	TU					
09818	FLT	X 6	1-5	W					AIRPORT
09825	FLT	X 7	8-12	TH					AIRPORT
09832	FLT	X 8	1-5	TH					AIRPORT
09840	FLT	X10	1-5	F					AIRPORT
09857	FLT	X11	8-12			S			AIRPORT
09864	FLT	X12	1-5			S			AIRPORT

AVI 140 ADVANCED FLIGHT.
 PREREQUISITE: AVI. 120 AND 130; CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC									
09871	LECT-DISC		1030-12	TU	TH		400	E H	EMANUEL
09889	FLT	F 1	8-930	M	W	F			GORDON
09896	FLT	F 2	930-11	M	W	F			AND STAFF
09907	FLT	F 3	1230-2	M	W	F			
09914	FLT	F 4	2-330	M	W	F			AIRPORT
09921	FLT	F 5	330-5	M	W	F			AIRPORT
09939	FLT	F 6	8-930	TU	TH	S			AIRPORT
09946	FLT	F 8	1230-2	TU	TH	S			AIRPORT
09953	FLT	F 9	2-330	TU	TH	S			AIRPORT
09961	FLT	F10	330-5	TU	TH	S			AIRPORT

COURSES FOR ADVANCED UNDERGRADUATES

AVI 200 BASIC INSTRUMENT FLIGHT TECHNIQUES.
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, OR EQUIVALENT FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC									
09978	LECT-DISC		8	M	W	F	400	E H	JAMISON
09985	FLT	F 2	930-11	M	W	F			GORDON
09992	FLT	F 3	1230-2	M	W	F			AND STAFF
10009	FLT	F 4	2-330	M	W	F			
10016	FLT	F 5	330-5	M	W	F			AIRPORT
10023	FLT	F 6	8-930	TU	TH	S			AIRPORT
10031	FLT	F 7	930-11	TU	TH	S			AIRPORT
10048	FLT	F 8	1230-2	TU	TH	S			AIRPORT
10055	FLT	F 9	2-330	TU	TH	S			AIRPORT
10062	FLT	F10	330-5	TU	TH	S			AIRPORT

AVI 210 ADVANCED INSTRUMENT FLIGHT PROCEDURES.
 PREREQUISITE: AVI. 200 OR 40 HOURS OF SIMULATED INSTRUMENT
 FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

10070	LECT-DISC		B	M	W	F	161	E	E	B	
10087	FLT	F 2	930-11	M	W	F		AIRPORT			EMANUEL
10094	FLT	F 3	1230-2	M	W	F		AIRPORT			GORDON
10105	FLT	F 4	2-330	M	W	F		AIRPORT			AND STAFF
10112	FLT	F 5	330-5	M	W	F		AIRPORT			
10120	FLT	F 6	8-930	TU	TH	S		AIRPORT			
10137	FLT	F 7	930-11	TU	TH	S		AIRPORT			
10144	FLT	F 8	1230-2	TU	TH	S		AIRPORT			
10151	FLT	F 9	2-330	TU	TH	S		AIRPORT			
10169	FLT	F10	330-5	TU	TH	S		AIRPORT			

AVI 220 FLIGHT INSTRUCTOR.
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, JUNIOR STANDING,
 CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

10176	LECT-DISC		4	M	W	F	400	E	H	
10183	FLT	F 1	8-930	M	W	F		AIRPORT		EMANUEL
10191	FLT	F 2	930-11	M	W	F		AIRPORT		GORDON
10201	FLT	F 3	1230-2	M	W	F		AIRPORT		AND STAFF
10219	FLT	F 4	2-330	M	W	F		AIRPORT		
10226	FLT	F 6	8-930	TU	TH	S		AIRPORT		
10233	FLT	F 7	930-11	TU	TH	S		AIRPORT		
10241	FLT	F 8	1230-2	TU	TH	S		AIRPORT		
10258	FLT	F 9	2-330	TU	TH	S		AIRPORT		
10265	FLT	F10	330-5	TU	TH	S		AIRPORT		

AVI 250 PRACTICE TEACHING, AIRPLANE.
 PREREQUISITE: AVI. 220 OR FLIGHT INSTRUCTOR CERTIFICATE; JUNIOR
 STANDING; CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10272	DISC	ARR								
	FLT	ARR						AIRPORT		BENN
								AIRPORT		AND STAFF

AVI 280 SPECIAL RATING (MULTI-ENGINE LAND).
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
 1 HOUR
 NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.
 STUDENT MUST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.

10280	DISC	ARR								
10297	FLT	F 1	8-930	M	W	F		AIRPORT		BENN AND STAFF
10308	FLT	F 2	930-11	M	W	F		AIRPORT		
10315	FLT	F 3	1230-2	M	W	F		AIRPORT		
10322	FLT	F 4	2-330	M	W	F		AIRPORT		
10330	FLT	F 5	330-5	M	W	F		AIRPORT		
10347	FLT	F 6	8-930	TU	TH	S		AIRPORT		
10354	FLT	F 7	930-11	TU	TH	S		AIRPORT		
10361	FLT	F 8	1230-2	TU	TH	S		AIRPORT		
10379	FLT	F 9	2-330	TU	TH	S		AIRPORT		
10386	FLT	F10	330-5	TU	TH	S		AIRPORT		

AVI 291 SPECIAL RATINGS AND/OR SPECIALIZED FLIGHT.
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
 1 HOUR
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10393	DISC	ARR								
10404	FLT	F 1	8-930	M	W	F		AIRPORT		BENN AND STAFF
10411	FLT	F 2	930-11	M	W	F		AIRPORT		
10429	FLT	F 3	1230-2	M	W	F		AIRPORT		
10436	FLT	F 4	2-330	M	W	F		AIRPORT		
10443	FLT	F 5	330-5	M	W	F		AIRPORT		
10451	FLT	F 6	8-930	TU	TH	S		AIRPORT		
10468	FLT	F 7	930-11	TU	TH	S		AIRPORT		
10475	FLT	F 8	1230-2	TU	TH	S		AIRPORT		
10482	FLT	F 9	2-330	TU	TH	S		AIRPORT		
10490	FLT	F10	330-5	TU	TH	S		AIRPORT		

BUS SCHEDULE AND ROUTE

THE INSTITUTE OF AVIATION BUS MAKES REGULAR TRIPS BETWEEN THE AIRPORT AND THE CAMPUS BEGINNING ON THE FIRST DAY OF CLASSES AND CONTINUING THROUGH THE LAST DAY OF FINAL EXAMINATIONS. THE BUS LEAVES FROM THE CAMPUS PARKING LOCATION AT THE NORTH EAST CORNER OF AERO LAB B, AND MAKES REGULAR STOPS ON THE WAY TO THE AIRPORT AT THE CORNERS OF SIXTH AND ARMORY STREETS, FOURTH STREET AND GREGORY DRIVE, AND FIRST STREET AND GREGORY DRIVE. THE TRIP FROM THE AIRPORT BACK TO THE CAMPUS IS VIA GREGORY DRIVE AND GOODWIN AVENUE TO THE PARKING LOCATION. THE SCHEDULE IS AS FOLLOWS:
ON THE FIRST TRIP TO THE CAMPUS EACH MORNING THE BUS IS ROUTED BETWEEN THE FLORIDA AVENUE AND THE PENNSYLVANIA AVENUE RESIDENCE HALLS.

AVI 302 BUS FROM CAMPUS TO AIRPORT.

NO CREDIT

10501	BUS	A 1	730-8	M	W	F	CAMPUS
10518	BUS	A 2	9-930	M	W	F	CAMPUS
10525	BUS	A 3	10-1030	M	W	F	CAMPUS
10532	BUS	A 4	12-1230	M	W	F	CAMPUS
10540	BUS	A 5	1-130	M	W	F	CAMPUS
10557	BUS	A 6	2-230	M	W	F	CAMPUS
10564	BUS	A 7	3-330	M	W	F	CAMPUS
10571	BUS	A 8	4-430	M	W	F	CAMPUS
10589	BUS	A 9	730-8	TU	TH	S	CAMPUS
10596	BUS	A10	9-930	TU	TH	S	CAMPUS
10607	BUS	A11	10-1030	TU	TH	S	CAMPUS
10614	BUS	A12	12-1230	TU	TH	S	CAMPUS
10621	BUS	A13	1-130	TU	TH	S	CAMPUS
10639	BUS	A14	2-230	TU	TH	S	CAMPUS
10646	BUS	A15	3-330	TU	TH	S	CAMPUS
10653	BUS	A16	4-430	TU	TH	S	CAMPUS

AVI 303 BUS FROM AIRPORT TO CAMPUS.

NO CREDIT

10661	BUS	C 1	830-9	M	W	F	AIRPORT
10678	BUS	C 2	930-10	M	W	F	AIRPORT
10685	BUS	C 3	11-1130	M	W	F	AIRPORT
10692	BUS	C 4	1230-1	M	W	F	AIRPORT
10703	BUS	C 5	130-2	M	W	F	AIRPORT
10711	BUS	C 6	230-3	M	W	F	AIRPORT
10728	BUS	C 7	330-4	M	W	F	AIRPORT
10735	BUS	C 8	5-530	M	W	F	AIRPORT
10742	BUS	C 9	830-9	TU	TH	S	AIRPORT
10750	BUS	C10	930-10	TU	TH	S	AIRPORT
10767	BUS	C11	11-1130	TU	TH	S	AIRPORT
10774	BUS	C12	1230-1	TU	TH	S	AIRPORT
10781	BUS	C13	130-2	TU	TH	S	AIRPORT
10799	BUS	C14	230-3	TU	TH	S	AIRPORT
10800	BUS	C15	330-4	TU	TH	S	AIRPORT
10817	BUS	C16	5-530	TU	TH	S	AIRPORT

AVIATION
AIRCRAFT MAINTENANCE

COURSES FOR UNDERGRADUATES

AVI	151	APPLIED AIRCRAFT PHYSICS.						
		3 HOURS						
	10824	LECT-DISC	A	8-915	TU TH	Q34 AIRPORT	TRULOCK	
	10831	LECT-DISC	B	1230	M W F	Q34 AIRPORT	TRULOCK	
AVI	153	AIRCRAFT SHOP PRACTICE.						
		3 HOURS						
	10849	LECT	A	1230	W	Q34 AIRPORT		
		LAB	A	1230	M F	Q3 AIRPORT		
	10856	LECT	B	1230	TU	Q34 AIRPORT		
		LAB	B	1230-220	TH	Q3 AIRPORT		
AVI	157	AIRCRAFT ENGINE THEORY AND PRACTICE.						
		6 HOURS						
	10863	LECT	A	8-10	M W F	Q34 AIRPORT	FOX AND	
		LAB	A	10-12	M W F	Q3 AIRPORT	MYLIN	
			A	930-12	TU TH	Q3 AIRPORT		
	10871	LECT	B	130-3	MTUW F	Q34 AIRPORT	GARRELT	
		LAB	B	3-5	MTUW F	Q7 AIRPORT	AND MCLANE	
			B	230-5	TH	Q7 AIRPORT		
AVI	161	AIRPORT MANAGEMENT.						
		3 HOURS						
	10888	LECT-DISC		630-8PM	M TH	106 L H	FOX	
AVI	163	AIRCRAFT STRUCTURAL MATERIALS.						
		2 HOURS						
	10895	LECT-DISC	A	1-330	M F	Q8 AIRPORT	APPLEGATE	
			A	1-3	W	Q8 AIRPORT		
		LAB	A	8-12	TU TH	Q8 AIRPORT		
			A	1130	W	Q8 AIRPORT		
	10906	LECT-DISC	B	2-4	M W F	Q8 AIRPORT	LADAGE	
		LAB	B	1030-12	M W F	Q8 AIRPORT		
			B	130-4	TU TH	Q8 AIRPORT		
	10913	LECT-DISC	C	1	M W F	Q8 AIRPORT	LINDER	
			C	1230-2	TU TH	Q8 AIRPORT		
		LAB	C	8-12	TU TH	Q8 AIRPORT		
			C	1030-1230	W	Q8 AIRPORT		
AVI	165	AIRCRAFT STRUCTURAL REPAIR.						
		3 HOURS						
	10921	LAB	A	330-5	M F	Q8 AIRPORT	APPLEGATE	
			A	3-5	W	Q8 AIRPORT		
	10938	LAB	B	4	M W F	Q8 AIRPORT	LADAGE	
			B	1230	TU TH	Q8 AIRPORT		
	10945	LAB	C	930-1130	M F	Q8 AIRPORT	LINDER	
			C	930	W	Q8 AIRPORT		
AVI	167	AIRCRAFT FABRICATING PROCESSES.						
		2 HOURS						
	NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 167 MUST ALSO REGISTER FOR THE SAME SECTION IN AVI. 163 AND AVI. 171.							
	SECTIONS MEET FOR 5 WEEKS.							
	10952	LECT-DISC	A	ARR		Q8 AIRPORT	APPLEGATE	
		LAB	A	ARR		Q8 AIRPORT		
	10960	LECT-DISC	B	ARR		Q8 AIRPORT	LADAGE	
		LAB	B	ARR		Q8 AIRPORT		
	10977	LECT-DISC	C	ARR		Q8 AIRPORT	LINDER	
		LAB	C	ARR		Q8 AIRPORT		
AVI	171	NON-STRUCTURAL AIRCRAFT MATERIALS.						
		3 HOURS						
	NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 171 MUST ALSO REGISTER FOR THE SAME SECTION IN AVI. 163 AND AVI. 167.							
	10984	LECT-DISC	A	ARR		Q8 AIRPORT	APPLEGATE	
		LAB	A	ARR		Q8 AIRPORT		
	10991	LECT-DISC	B	ARR		Q8 AIRPORT	LADAGE	
		LAB	B	ARR		Q8 AIRPORT		
	11004	LECT-DISC	C	ARR		Q8 AIRPORT	LINDER	
		LAB	C	ARR		Q8 AIRPORT		

AVI	173	AIRCRAFT RADIO AND INSTRUMENTS.									
	2 HOURS										
	11011	LECT-DISC	A	1130	M	F	Q8 AIRPORT	APPELEGATE			
	11029	LECT-DISC	B	4	TU TH	Q8 AIRPORT	LADAGE				
	11036	LECT-DISC	C	1130	M	F	Q8 AIRPORT	LINDER			
AVI	181	INTRODUCTION TO ELECTRONIC THEORY AND PRACTICE.									
	3 HOURS										
	11043	LECT-DISC		3-5	M	W	F	Q49 AIRPORT	KEHELY		
AVI	183	ADVANCED ELECTRONIC THEORY.									
	PREREQUISITE: AVI. 182.										
	3 HOURS										
	11051	LECT-DISC		ARR			Q49 AIRPORT	KEHELY			
AVI	185	AIRCRAFT ELECTRICAL SYSTEMS.									
	PREREQUISITE: AVI. 181.										
	5 HOURS										
	11068	LECT-DISC		ARR			Q49 AIRPORT	KEHELY			

BANDS

DEPARTMENT OFFICE

140 BAND

THE FOLLOWING COURSE IS OPEN TO STUDENTS WHO HAVE BEEN ACCEPTED BY EXAMINATION FOR MEMBERSHIP IN ONE OF THE UNIVERSITY BANDS: CONCERT BAND, FIRST REGIMENTAL BAND, SECOND REGIMENTAL BAND--SECTION A OR SECTION B. ASSIGNMENTS ARE MADE ACCORDING TO PROFICIENCY AND INSTRUMENTATION. COMPLETION OF THE COURSE INVOLVES, IN ADDITION TO THE SCHEDULE OF REHEARSALS, PARTICIPATION IN THE PUBLIC APPEARANCES OF THE BANDS.

NEW BAND STUDENTS SHOULD MAKE APPOINTMENTS FOR AUDITIONS AT THE BANDS OFFICE BEFORE OR AT THE BEGINNING OF EITHER THE ADVANCE ENROLLMENT ADVISING PERIOD OR REGISTRATION WEEK. THOSE WHO ARE ACCEPTED WILL BE GIVEN BAND REGISTRATION PERMITS, WITH INDICATION OF THE BAND TO WHICH ASSIGNED AND THE REHEARSAL DAYS AND HOURS--TWO OR THREE TIMES A WEEK.

ALL MEMBERS MUST BE REGISTERED IN BAND 101.

THIS COURSE IS CONSIDERED AS ENSEMBLE CREDIT BY THE SCHOOL OF MUSIC.

DIRECTOR HINDSLEY, ASSISTANT DIRECTOR KISINGER, ASSISTANT DIRECTOR DUKER, MR. SEXTON, MR. FAIRCHILD.

COURSES FOR UNDERGRADUATES

BANDS	101	BAND.									
	1/2 HOUR										
	NO MOBILITY BETWEEN SECTIONS.										
	*SECTION A: CONCERT BAND.										
	*SECTION B: FIRST REGIMENTAL BAND.										
	*SECTION C: SECOND REGIMENTAL BAND.										
	*SECTION D: SECOND REGIMENTAL BAND.										
11075	PRACT	*A	4-530	TU TH	141	BAND					
11082	PRACT	*B	4-530	M W	141	BAND					
11090	PRACT	*C	1	M W F	141	BAND					
11101	PRACT	*D	2	M W F	141	BAND					

BIOLOGY

DEPARTMENT OFFICE

393 MOR HALL

HONORS MAJOR IN BIOLOGY - SEE UNDERGRADUATE COURSES BULLETIN.

GENERAL MAJOR IN BIOLOGY: BIOLOGY 110, 111 AND AN ADDITIONAL TWENTY HOURS OF COURSES AT THE 200 AND 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISER, AND INCLUDING AT LEAST ONE OF THE FOLLOWING: BIOLOGY 210, MICROBIOLOGY 200 AND 201, OR PHYSIOLOGY 301 AND 303. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, AND MATHEMATICS THROUGH ANALYTIC GEOMETRY. CALCULUS AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

COURSES FOR UNDERGRADUATES

BIOL 100 BIOLOGICAL SCIENCE, I.

4 HOURS

STUDENTS MUST REGISTER FOR ONE CONF/QUIZ COMBINATION.

INDEPENDENT STUDY IN LEARNING CENTER, (AUDIO-TUTORIAL), FOR 3-4

HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT IN 425 N. H. B.

QUIZ ARRANGED AT STUDENT'S CONVENIENCE FOR 1 HOUR BETWEEN 8A.M.

AND 6 P.M. ON THE DAY INDICATED.

11118	CONF	1	11	TU	228	N H B	KIEFFER
	QUIZ	1	ARR	TH			
11125	CONF	2	1	TU	228	N H B	KIEFFER
	QUIZ	2	ARR	F			
11132	CONF	3	2	TU	228	N H B	KIEFFER
	QUIZ	3	ARR	M			

BIOL 110 PRINCIPLES OF BIOLOGY, I.

PREREQUISITE: ONE YEAR OF COLLEGE CHEMISTRY OR CONCURRENT ENROLLMENT IN CHEMISTRY.

FIELD TRIP, ESTIMATED EXPENSE \$5.00.

5 HOURS

11140	LECT	1	9	M W F	228	N H B	LARSEN, SARGENT
11157	LECT	2	1	M W F	100	M M B	SWEENEY
11164	LAB	A	9-12	M	309	N H B	
	DISC	A	4	M	309	N H B	
11171	LAB	B	9-12	M	313	N H B	
	DISC	B	4	M	313	N H B	
11189	LAB	C	1-4	M	309	N H B	
	DISC	C	8	TU	309	N H B	
11196	LAB	D	1-4	M	313	N H B	
	DISC	D	8	TU	313	N H B	
11207	LAB	E	9-12	TU	309	N H B	
	DISC	E	4	TU	309	N H B	
11214	LAB	F	9-12	TU	313	N H B	
	DISC	F	4	TU	313	N H B	
11221	LAB	G	1-4	TU	309	N H B	
	DISC	G	8	W	309	N H B	
11239	LAB	H	1-4	TU	313	N H B	
	DISC	H	8	W	313	N H B	
11246	LAB	I	9-12	W	309	N H B	
	DISC	I	4	W	309	N H B	
11253	LAB	J	9-12	W	313	N H B	
	DISC	J	4	W	313	N H B	
11261	LAB	K	1-4	W	309	N H B	
	DISC	K	8	TH	309	N H B	
11278	LAB	L	1-4	W	313	N H B	
	DISC	L	8	TH	313	N H B	
11285	LAB	M	9-12	TH	309	N H B	
	DISC	M	4	TH	309	N H B	
11292	LAB	N	9-12	TH	313	N H B	
	DISC	N	4	TH	313	N H B	
11303	LAB	O	1-4	TH	309	N H B	
	DISC	O	8	F	309	N H B	
11311	LAB	P	1-4	TH	313	N H B	
	DISC	P	8	F	313	N H B	
11328	LAB	Q	9-12	F	309	N H B	
	DISC	Q	4	F	309	N H B	
11335	LAB	R	9-12	F	313	N H B	
	QUIZ	R	4	F	313	N H B	
11342	LAB	S	1-4	F	309	N H B	
	QUIZ	S	8	M	309	N H B	
11350	LAB	T	1-4	F	313	N H B	
	QUIZ	T	8	M	313	N H B	

BIOL 115 HEREDITY, EVOLUTION AND SOCIETY.

PREREQUISITE: FOUR HOURS CREDIT IN A BIOLOGICAL SCIENCE.

*CREDIT WILL NOT BE GIVEN FOR BIOL. 115 AND BIOL. 210 OR ZOOL. 106

OR 107.

*4 HOURS

11367	DISC		9-11	M	384	MOR HALL	EADES
	LAB		9-11	W F	423	N H B	

BIOL 151 THE CELL.

PREREQUISITE: CHEM. 102 OR 108; CONSENT OF INSTRUCTOR.

5 HOURS

11374	LECT	6	11	M W F	231	N H B	
	LAB	6	1-5	TU	102	H H	

BIOL 198 FRESHMAN SEMINAR.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS

11381	LECT	6A	3-5	M	384	MOR HALL	
11399	LECT	6B	7-9PM	M	384	MOR HALL	
11400	LECT	6C	7-9PM	TU	231	N H B	
11417	LECT	6D	7-9PM	W	231	N H B	
11424	LECT	6E	7-9PM	TH	231	N H B	

BIOL 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

11431	CONF		ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

BIOL 203 HONORS SEMINAR.

PREREQUISITE: JUNIOR OR SENIOR STANDING, 4.0 CUMULATIVE AVERAGE, 2 COURSES IN BIOLOGY OR CONSENT OF INSTRUCTOR.

*MAY BE REPEATED ONCE FOR CREDIT.

*1 HOUR

11449	LECT-DISC	6A	7-9PM	M	136	BUR HALL	
11456	LECT-DISC	6B	7-9PM	M	231	N H B	
11463	LECT-DISC	6C	7-9PM	TU	136	BUR HALL	
11471	LECT-DISC	6D	7-9PM	W	136	BUR HALL	
11488	LECT-DISC	6E	7-9PM	TH	136	BUR HALL	

BIOL 210 GENETICS.

PREREQUISITE: BIOL. 110-111 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.

*CREDIT WILL NOT BE GIVEN FOR BIOL. 210 OR ZOOL. 106 OR 107 AND BIOL. 115.

*4 HOURS

11495	LECT		2	M W F	100	M M B	LAUGHMAN,
11506	DISC	1	8	M	231	N H B	BROWN
11513	DISC	2	8	W	231	N H B	
11521	DISC	3	8	F	231	N H B	
11538	DISC	4	10	M	231	N H B	
11545	DISC	5	10	W	231	N H B	
11552	DISC	6	10	F	231	N H B	
11560	DISC	7	1	TU	202	H H	
11577	DISC	8	1	TH	202	H H	
11584	DISC	9	3	M	229	N H B	
11591	DISC	10	3	W	229	N H B	

BIOL 211 DEVELOPMENTAL BIOLOGY.

PREREQUISITE: BIOL. 110-111 OR EQUIVALENT; CHEM. 133 OR 234.

4 HOURS

11602	LECT		1	M W F	192	L H	STOCUM
			1		231	N H B	
11610	DISC	1	3	M	231	N H B	
11627	DISC	2	3	W	231	N H B	
11634	DISC	3	3	F	231	N H B	

BIOL 251 THE ORGANISM.

PREREQUISITE: BIO. 151.

5 HOURS

11641	LECT	6	11	M W F	202	H H	WILLIS
	LAB	6	1-5	F	102	H H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOL 307 IMMUNOLOGY.
 PREREQUISITE: FOUR SEMESTERS OF COLLEGE BIOLOGY AND CHEM.
 133 OR 234, OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT

11659	LECT		10	M W F	228	N H B	STAFF
11666	DISC	A	2	M	136	BUR HALL	
11673	DISC	B	4	M	136	BUR HALL	
11681	DISC	C	2	TU	136	BUR HALL	
11698	DISC	D	4	TU	136	BUR HALL	

BIOL 308 EXPERIMENTAL IMMUNOBIOLOGY.
 PREREQUISITE: CREDIT OR REGISTRATION IN BIOL. 307; CONSENT
 OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT

11709	LAB	A	9-12	TU TH	323	N H B	ALGER
11716	LAB	B	2-5	TU TH	323	N H B	ALGER

BIOL 309 POPULATION BIOLOGY LABORATORY.
 PREREQUISITE: BIOL. 310 OR CONCURRENT ENROLLMENT OR CONSENT
 OF INSTRUCTOR.
 ONE OR TWO SATURDAY MORNING FIELD TRIPS.
 2 HOURS OR 1/2 UNIT

11723	LAB		1-4	F	345	N H B	
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BIOL 310 PRINCIPLES OF POPULATION BIOLOGY, I.
 PREREQUISITE: BIOL. 210 OR CONSENT OF INSTRUCTOR; COLLEGE ALGEBRA.
 3 HOURS OR 3/4 UNIT

11731	LECT		1	M W F	202	H H	
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COURSES FOR GRADUATES

BIOL 411 DISCUSSIONS IN GENETICS AND CYTOGENETICS.
 1/4 UNIT

11748	CONF		4	W	136	BUR HALL	STAFF
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BIOL 412 ANALYSIS AND CONTROL OF NATURAL ENVIRONMENTS.
 PREREQUISITE: BIOL. 312 OR CONSENT OF INSTRUCTOR.
 3/4 UNIT

11755	LECT-DISC		3-5	TU TH	140	BUR HALL	METCALF
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BIOL 418 CONCEPTS AND TOPICS IN IMMUNOLOGY.
 SAME AS V. M. S. 418.
 PREREQUISITE: CONSENT OF INSTRUCTOR. MCBIO. 327 AND BIOL. 307
 RECOMMENDED.
 1/2 UNIT

11762	LECT-DISC	ARR					SEGRE, VOSS
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BIOL 429 ELECTRON MICROSCOPY WITH LABORATORY.
 SAME AS CHEM. 429.
 OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
 PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF
 COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND
 CONSENT OF INSTRUCTOR.
 1 UNIT

11770	LECT		4	M W	242	BEV HALL	HALL
	LAB-DISC		4	F	242	BEV HALL	
	LAB	ARR					

BIOL 440 ADVANCED PLANT PHYSIOLOGY, I.
 PREREQUISITE: CHEM. 350 AND 355; BOT. 330 AND 335; OR CONSENT
 OF INSTRUCTOR.
 1 UNIT

11787	LECT	B		M W F	W115	T H	HAGEMANN
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BIOL 490 SPECIAL TOPICS IN BIOLOGY.
 1/2 TO 2 UNITS

11794	CONF	ARR					STAFF
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BIOL	493	ADVANCED ELECTRON MICROSCOPY. SAME AS CHEM. 493. OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS. PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR. 1/4 TO 1/2 UNIT	11805	LAB-DISC	ARR	97	BEV HALL	HALL
BIOL	499	THESIS RESEARCH. 0 TO 4 UNITS	11812	CONF	ARR			STAFF

BIOPHYSICS

DEPARTMENT OFFICE	524 BUR HALL
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOPH	301	INTRODUCTION TO BIOPHYSICS. PREREQUISITE: EIGHT HOURS OF GENERAL PHYSICS OR ENROLLMENT IN GRADUATE BIOPHYSICS PROGRAM. 3 HOURS OR 3/4 UNIT	11820	LECT	9-1030	TU TH	231	N H B	SYBESMA
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COURSES FOR GRADUATES

BIOPH	401	ADVANCED BIOPHYSICS, I. PREREQUISITE: ONE YEAR OF PHYSICS BEYOND INTRODUCTORY PHYSICS OR EQUIVALENT, CALCULUS, PHYSICAL CHEMISTRY, OR CONSENT OF INSTRUCTOR. 1 UNIT	11837	LECT	9	M W F	300	N L	JENDRASIAK AND STAFF
BIOPH	403	BIOPHYSICAL TECHNIQUES. PREREQUISITE: CREDIT OR REGISTRATION IN BIOPH. 402 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	11844	LAB	1-4	M W	542	BUR HALL	STAFF
BIOPH	410	SPECIAL TOPICS IN BIOPHYSICS. PREREQUISITE: BIOPH. 401 OR EQUIVALENT, BIOPH. 402 AND 403. 1/2 TO 1 UNIT	11851	DISC	ARR				STAFF
BIOPH	411	SEMINAR PREREQUISITE: ENROLLMENT IN THE BIOPHYSICS PROGRAM OR CONSENT OF INSTRUCTOR. 1/2 UNIT TOPIC--TO BE ARRANGED.	11869	LECT-DISC	ARR				STAFF
BIOPH	491	INDIVIDUAL TOPICS. PREREQUISITE: GRADUATE STANDING; CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS	11876	CONF	ARR				STAFF
BIOPH	499	THESIS RESEARCH. 0 TO 4 UNITS	11883	CONF	ARR				STAFF

BOTANY

DEPARTMENT OFFICE

297 MOR HALL

MAJOR: TWENTY HOURS OF BOTANY EXCLUDING BOTANY 100, 101, BIOL. 110, 111, BIOL. 100 AND 101, BUT INCLUDING BOT. 260, 304, 330, AND 335 OR THEIR EQUIVALENT. THE BALANCE OF THE MINIMUM OF TWENTY HOURS MUST BE TAKEN IN OTHER 300 LEVEL COURSES. BIOL. 210 AND 381 ARE STRONGLY RECOMMENDED. IN ADDITION ONE SEMESTER EACH OF ORGANIC CHEMISTRY, PHYSICS AND ZOOLOGY WILL BE REQUIRED. ONE ADDITIONAL SEMESTER OF PHYSICAL SCIENCE IS ALSO REQUIRED, BUT THIS MAY BE SELECTED FROM COURSES IN PHYSICS OR GEOLOGY. CREDIT NOT TO EXCEED TWO HOURS IN BIOL. 203 MAY BE INCLUDED IN THE TWENTY HOURS OF CREDIT FOR THE MAJOR.

MINORS: TWENTY HOURS IN ONE OR TWO SUBJECTS CHOSEN IN CONSULTATION WITH THE CHAIRMAN OF THE DEPARTMENT FROM THE FOLLOWING: AGRONOMY, CHEMISTRY, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, HORTICULTURE, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, PLANT PATHOLOGY, AND ZOOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

IF HORTICULTURE IS CHOSEN AS A MINOR, NOT MORE THAN TEN HOURS MAY BE COUNTED. THE TEN HOURS MAY BE CHOSEN FROM HORT. 100, 110, 230, OR 233, 242, 262, AND 321 OR 322.

NOTE: ATTENTION IS CALLED TO ADDITIONAL COURSE OFFERINGS LISTED UNDER BIOLOGY. BIOLOGY 110 AND 111, OR BIOLOGY 151 AND 251 ARE ACCEPTABLE PREREQUISITES FOR THOSE ADVANCED COURSES THAT NOW REQUIRE BOTANY 100 OR 101 AND ZOOLOGY 104 OR 101.

COURSES FOR UNDERGRADUATES

BOT 100 GENERAL BOTANY.

*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.

*4 HOURS

11891	LECT	1	8	TU TH	228	N H B	STAFF
11901	LECT	2	9	TU TH	228	N H B	STAFF
11919	LAB-DISC	M	9-12	TU	258	N H B	STAFF
11926	LAB-DISC	R	1-4	TU	258	N H B	STAFF
11933	LAB-DISC	B	9-12	W	258	N H B	STAFF
11941	LAB-DISC	E	1-4	W	258	N H B	STAFF
11958	LAB-DISC	MM	9-12	TH	258	N H B	STAFF
11965	LAB-DISC	RR	1-4	TH	258	N H B	STAFF
11972	LAB-DISC	BB	9-12	F	258	N H B	STAFF
11980	LAB-DISC	EE	1-4	F	258	N H B	STAFF

BOT 101 GENERAL BOTANY FOR SELECTED STUDENTS.

PREREQUISITE: JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR.

*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.

*5 HOURS

11997	LAB-DISC	EA	1-3	M W F	259	N H B	HOFFMAN
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BOT 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

12000	CONF		ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

BOT 293 HONORS.

PREREQUISITE: FIFTEEN HOURS OF BOTANY, SENIOR STANDING.

2 HOURS

12017	CONF	E	ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BOT 300 INDIVIDUAL TOPICS.

PREREQUISITE: BOT. 100, TEN HOURS OF ADVANCED WORK IN BOTANY OR ANOTHER BIOLOGICAL SCIENCE, SENIOR STANDING.

*GRADUATE STUDENTS MAY OFFER 1 UNIT TOWARD M. S.

*2 TO 5 HOURS, OR 1/4 OR 1/2 UNIT

12024	CONF		ARR				STAFF
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BOT	304	GENERAL PLANT MORPHOLOGY. PREREQUISITE: BOT. 100 OR BIOL. 110 AND 111, OR BIOL. 100 AND 101, OR BIOL. 151 AND 251 OR CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT																	
	12031	LECT		8	TU TH	408	N H B											CAROTHERS, ROGERS	
		LAB		9-11	TU TH	408	N H B												
BOT	325	PALEOBOTANY. SAME AS GEOL. 325. PREREQUISITE: BOT. 100 OR D.G.S. 131 AND 132, GEOL. 101 OR CONSENT OF INSTRUCTOR. 2 OR 3 FIELD TRIPS. 5 HOURS OR 1 UNIT																	
	12049	LAB-DISC		1-4	TU TH	306	N H B											PHILLIPS	
BOT	330	PLANT PHYSIOLOGY. PREREQUISITE: CHEM. 133 AND BOT. 100 OR BIOL. 110 AND 111 OR D. G. S. 131 AND 132 OR BIOL. 151 AND 251. 3 HOURS OR 1/2 UNIT																	
	12056	LECT		9	M W F	231	N H B											BOYER GOVINDJEE AND NANCE	
BOT	331	EXPERIMENTAL CYTOLOGY. SAME AS ZOOL. 331. PREREQUISITE: BIOL. 210 OR BIOL. 151 OR 251, AND CONSENT OF INSTRUCTOR 4 HOURS OR 1 UNIT																	
	12063	LECT		10	TU TH	136	BUR HALL											STEFFENSEN, DAVENPORT	
		LAB		2-5	TU TH	106	H H												
BOT	335	PLANT PHYSIOLOGY LABORATORY. PREREQUISITE: CREDIT OR REGISTRATION IN BOT. 330 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT																	
	12071	LAB	M	9-12	TU	405	N H B											NANCE	
			M	8-12	TH	405	N H B											NANCE	
	12088	LAB	R	1-4	TU	405	N H B											DICKINSON	
			R	1-5	TH	405	N H B											DICKINSON	
BOT	351	VIRUSES, I. SAME AS MCBIO. AND ZOOL. 351. PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY AND CALCULUS RECOMMENDED. 3 HOURS OR 3/4 UNIT																	
	12095	LECT		11	M W F	140	BUR HALL											DRAKE	
BOT	381	PLANT ECOLOGY. PREREQUISITE: BOT. 260 OR EQUIVALENT. FIELD TRIPS. 5 HOURS OR 1 UNIT																	
	12106	LECT		10	M W F	308	N H B											BAZZAZ	
		LAB		8-12	S	308	N H B											BAZZAZ	
COURSES FOR GRADUATES																			
BOT	410	BOTANY DISCUSSIONS. *NO CREDIT GIVEN EXCEPT FOR STUDENTS PRESENTING RESULTS OF THEIR PH. D. THESIS RESEARCH. *0 OR 1/4 UNIT																	
	12113	LECT-DISC		4	TU	124	BUR HALL											BLACK	
BOT	413	DISCUSSIONS IN PLANT PHYSIOLOGY. 1/4 UNIT																	
	12121	LECT-DISC		12	F	140	BUR HALL											DICKINSON	
BOT	414	DISCUSSIONS IN PLANT MORPHOLOGY AND TAXONOMY. 1/4 UNIT																	
	12138	LECT-DISC		4	W	304	N H B											PHILLIPS	

BOT	418	DISCUSSIONS IN PLANT ECOLOGY AND PLANT GEOGRAPHY. PREREQUISITE: GRADUATE STANDING IN BOTANY, ENTOMOLOGY, GEOGRAPHY, OR ZOOLOGY. *STUDENTS MAY ACCUMULATE 1 1/2 UNITS. *1/4 UNIT	12145	LECT-DISC	4	M	308	N H B	HANEY	
BOT	419	DISCUSSIONS IN PHOTOSYNTHESIS AND RELATED TOPICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT	12152	LECT-DISC	4	W	140	BUR HALL	ARNTZEN, GOVINDJEE SYBESMA	
BOT	427	DISCUSSIONS IN MYCOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT	12160	LECT-DISC	3	W	408	N H B	ROGERS, TUVESON	
BOT	461	ADVANCED TAXONOMY OF FLOWERING PLANTS, II. PREREQUISITE: BOT. 260 AND BIOL. 210. OR EQUIVALENT; CONSENT OF INSTRUCTOR. 1 UNIT	12177	LAB-DISC	1-4	TU TH	304	N H B	PAYNE, SEIGLER	
BOT	462	ORIGIN OF VARIATION IN PLANTS. SAME AS AGRON. 462. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	12184	LECT	ARR				DEWET	
BOT	471	ADVANCED MYCOLOGY--SPECIAL GROUPS. PREREQUISITE: BOT. 372 OR CONSENT OF INSTRUCTOR. 1/2 UNIT	12191	LAB-DISC	3	M	408	N H B	ROGERS	
BOT	493	ADVANCED STUDIES IN BOTANY. * NOT MORE THAN 1 UNIT MAY BE APPLIED TOWARD THE GRADUATE COLLEGE M.S. DEGREE REQUIREMENT OF 3 UNITS OF COURSE WORK. *1/2 TO 2 UNITS WORK MAY BE TAKEN IN THE FOLLOWING FIELDS: A--ANATOMY B--BIOCHEMICAL CYTOLOGY C--BIOLOGICAL RHYTHMS D--CYTOGENETICS & SPECIATION E--ECOLOGY F--GENETICS G--MORPHOGENESIS H--MORPHOLOGY I--MYCOLOGY J--PALEOBOTANY K--PHOTOSYNTHESIS L--PHYCOLOGY M--PHYSIOLOGY N--TAXONOMY O--ULTRASTRUCTURE P--VIROLOGY	12202	LAB	A	ARR				
			12210	LAB	B	ARR				
			12227	LAB	C	ARR				
			12234	LAB	D	ARR				
			12241	LAB	E	ARR				
			12259	LAB	F	ARR				
			12266	LAB	G	ARR				
			12273	LAB	H	ARR				
			12281	LAB	I	ARR				
			12298	LAB	J	ARR				
			12309	LAB	K	ARR				
			12316	LAB	L	ARR				
			12323	LAB	M	ARR				
			12331	LAB	N	ARR				
			12348	LAB	O	ARR				
			12355	LAB	P	ARR				
										STAFF
										CAROTHERS STEFFENSEN SARGENT DEWET BAZZAZ, HANEY COX, LAUGHMAN, TUVESON SARGENT SARGENT CAROTHERS, PHILLIPS ROGERS, TUVESON PHILLIPS ARNTZEN, GOVINDJEE, SYBESMA HOFFMAN BOYER, DICKINSON, GOVINDJEE, HANSON AND NANCE JONES, PAYNE, SEIGLER CAROTHERS, HOFFMAN, AND BLACK, MACLEOD, REICHMAN

BOT 499 THESIS RESEARCH.
0 TO 4 UNITS
12362 LAB

ARR

STAFF

BURMESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

BURM 201 ELEMENTARY BURMESE, I.
5 HOURS
12370 LECT-DISC ARR

SUWANTRA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BURM 303 INTERMEDIATE BURMESE, I.
PREREQUISITE: BURM. 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT
12387 LECT-DISC ARR

SUWANTRA

BUSINESS

DEPARTMENT OFFICE

350 COM W

COURSES FOR GRADUATES

BUS 499 THESIS RESEARCH
0 TO 4 UNITS
12394 CONF 8-10 TU TH 243 COM W

BUSINESS ADMINISTRATION

DEPARTMENT OF BUSINESS ADMINISTRATION--350 COM W

COURSES FOR UNDERGRADUATES

B ADM 190 MOTIVATION AND RESPONSIBILITY IN BUSINESS.
PREREQUISITE: FRESHMEN PARTICIPATING IN AN HONORS PROGRAM.
3 HOURS
12405 CONF 10-12 TU 91 COM W

B ADM 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

12412 CONF

ARR

COURSES FOR ADVANCED UNDERGRADUATES

B ADM 200 THE LEGAL ENVIRONMENT OF BUSINESS.

PREREQUISITE: JUNIOR STANDING.

3 HOURS

*SECTION &B OPEN TO HONORS STUDENTS ONLY.

12420	LECT	1	9	M		141	COM W
12526	DISC	*&B	9		W F	170	COM W
12437	DISC	M	9	TU TH		170	COM W
12444	DISC	N1	10	TU TH		170	COM W
12451	DISC	N2	10	TU TH		160	COM W
12469	DISC	P1	11	TU TH		170	COM W
12476	DISC	P2	11	TU TH		160	COM W
12483	DISC	R1	1	TU TH		170	COM W
12491	DISC	R2	1	TU TH		160	COM W
12501	DISC	S1	2	TU TH		170	COM W
12519	DISC	S2	2	TU TH		160	COM W

B ADM 201 BASIC PRINCIPLES OF BUSINESS LAW.

PREREQUISITE: JUNIOR STANDING; ACCY. 105; ECON. 102.

*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 201

IN ADDITION TO B. ADM. 261.

*3 HOURS

12533	LECT-DISC	C	10	M W F		170	COM W
12541	LECT-DISC	D	11	M W F		170	COM W
12558	LECT-DISC	F	2	M W F		170	COM W

B ADM 202 PRINCIPLES OF MARKETING.

PREREQUISITE: ECON. 172 OR EQUIVALENT.

*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 202 AND B. ADM. 272.

*3 HOURS

*THESE SECTIONS OPEN TO NON-COMMERCE STUDENTS ONLY.

SECTION &N1 OPEN TO HONORS STUDENTS ONLY.

12565	LECT	1	11	M W		141	COM W
12572	DISC	L	8	TU TH		122	O K H
12580	DISC	M1	9	TU TH		122	D K H
12654	DISC	*M2	9	TU TH		160	COM W
12686	DISC	&N1	10-12	TU		122	D K H
12597	DISC	N2	10	TU TH		166	COM W
12608	DISC	N3	10	TU TH		236	COM W
12615	DISC	P1	11	TU TH		236	COM W
12622	DISC	P2	11	TU TH		166	COM W
12630	DISC	R1	1	TU TH		122	D K H
12661	DISC	*R2	1	TU TH		226	COM W
12647	DISC	S1	2	TU TH		122	D K H
12679	DISC	*S2	2	TU TH		226	COM W

B ADM 206 MARKETING ENVIRONMENT.

PREREQUISITE: B. ADM. 202.

3 HOURS

12693	LECT-DISC	A	8	M W F		160	COM W
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B ADM 210 MANAGEMENT AND ORGANIZATIONAL BEHAVIOR.

PREREQUISITE: JUNIOR STANDING.

*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 210 AND B. ADM. 247.

*3 HOURS

12704	LECT	I	8	M		141	COM W
12711	DISC	L1	8	TU TH		236	COM W
12729	DISC	L2	8	TU TH		160	COM W
12736	DISC	M	9	TU TH		236	COM W
12743	DISC	C	10	W F		160	COM W
12751	DISC	D1	11	W F		160	COM W
12768	DISC	D2	11	W F		236	COM W
12775	DISC	R1	1	TU TH		166	COM W
12782	DISC	R2	1	TU TH		236	COM W
12790	DISC	S1	2	TU TH		166	COM W
12801	DISC	S2	2	TU TH		236	COM W

B ADM 211 PRODUCTION MANAGEMENT, I.

PREREQUISITE: B. ADM. 210.

3 HOURS

12818	LECT-DISC	B	9	M W F		166	COM W
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B ADM 247 INTRODUCTION TO MANAGEMENT.
 FOR NON-COMMERCE STUDENTS ONLY.
 PREREQUISITE: SOPHOMORE STANDING.
 *A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 247 AND B. ADM. 210.
 *3 HOURS

12825	LECT-DISC A	8	M W F	122	D K H
12832	LECT-DISC D	11	M W F	122	D K H

B ADM 261 SUMMARY OF BUSINESS LAW.
 FOR NON-COMMERCE STUDENTS ONLY.
 PREREQUISITE: JUNIOR STANDING.
 *CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 261 IN ADDITION TO B. ADM. 201.
 *3 HOURS

12840	LECT-DISC B	9	M W F	122	D K H
12857	LECT-DISC C	10	M W F	122	D K H
12864	LECT-DISC E	1	M W F	122	D K H

B ADM 272 INDUSTRIAL SELLING.
 FOR NON-COMMERCE STUDENTS.
 *STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 272 AND B. ADM. 202
 *3 HOURS

12871	LECT-DISC E	1	M W F	236	COM W
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B ADM 290 HUMAN VALUES AND BUSINESS BEHAVIOR.
 PREREQUISITE: ADVANCED STANDING, JAMES SCHOLAR OR PARTICIPANT IN A DEPARTMENTAL HONORS PROGRAM.
 3 HOURS

12889	LECT-DISC &R	1-3	TH	96	COM W
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B ADM 294 SENIOR RESEARCH.
 PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
 2 TO 4 HOURS

12896	DISC	9	M W F	160	COM W
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B ADM 295 SENIOR RESEARCH.
 PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.
 2 TO 4 HOURS

12907	DISC	1	M W F	160	COM W
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

B ADM 301 THE LAW OF THE UNIFORM COMMERCIAL CODE.
 PREREQUISITE: B. ADM. 201 OR 261; SENIOR STANDING.
 3 HOURS, OR 3/4 OR 1 UNIT

12914	LECT-DISC F	2	M W F	122	D K H
12921	LECT-DISC G	3	M W F	122	D K H

B ADM 315 MANAGEMENT IN MANUFACTURING.
 PREREQUISITE: B. ADM. 213.
 3 HOURS OR 1/2 UNIT

12939	LECT-DISC C	10	M W F	236	COM W
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B ADM 320 MARKETING RESEARCH.
 PREREQUISITE: B. ADM. 202.
 3 HOURS OR 1/2 UNIT

12946	LECT-DISC F	2	M W F	166	COM W
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B ADM 321 INDUSTRIAL SOCIAL SYSTEMS, I.
 SAME AS L. I. R. 321.
 PREREQUISITE: B. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 TO 1 UNIT

12953	LECT-DISC B	9	M W F	243	COM W
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B ADM 323 INDUSTRIAL SOCIAL SYSTEMS, II.
 PREREQUISITE: B. ADM. 321 AND PSYCH 201.
 3 HOURS, OR 1/2 TO 1 UNIT

12961	LECT-DISC A	8	M W F	243	COM W
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B ADM 337 ADVERTISING AND SALES MANAGEMENT.
 PREREQUISITE: B. ADM. 202.
 3 HOURS OR 1/2 UNIT
 12978 LECT-DISC E 1 M W F 226 COM W

B ADM 344 CONSUMER BEHAVIOR.
 PREREQUISITE: B. ADM. 202.
 3 HOURS OR 1/2 UNIT
 12985 LECT-DISC G 3 M W F 226 COM W

B ADM 351 PERSONNEL ADMINISTRATION.
 PREREQUISITE: B. ADM. 323, AND ECON. 173 AND 240.
 *CREDIT WILL NOT BE GIVEN FOR B. ADM. 351 AND PSYCH. 145 OR 245 AND
 I. ADM. 448 OR 449.
 *3 HOURS, OR 1/2 TO 1 UNIT
 12992 LECT-DISC E 1 M W F 170 COM W

B ADM 370 INTERNATIONAL MARKETING.
 PREREQUISITE: B. ADM. 202: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 13005 LECT-DISC 2 M W F 236 COM W

B ADM 373 ELECTRONIC DATA PROCESSING FOR BUSINESS.
 PREREQUISITE: ECON. 170, ACCY. 106 OR 108.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION G OPEN TO STUDENTS WITH PRIOR COMPUTER KNOWLEDGE ONLY.
 13012 LECT-DISC E 1 M W F 166 COM W
 13020 LECT-DISC *G 3 M W F 166 COM W

B ADM 374 OPERATIONS RESEARCH.
 PREREQUISITE: ECON. 173 AND B. ADM. 210, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 13037 LECT-DISC A 8 M W F 166 COM W
 13044 LECT-DISC R 1-230 TU TH 241 COM W

B ADM 380 ADVANCED MARKETING MANAGEMENT.
 PREREQUISITE: B. ADM. 320 AND 337.
 3 HOURS OR 1/2 UNIT
 13051 LECT-DISC F 2 M W F 226 COM W

COURSES FOR GRADUATES

B ADM 401 SCIENTIFIC MANAGEMENT, I.
 SAME AS I. E. 401.
 PREREQUISITE: I. E. 386 AND MATH. 361, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 13069 LECT-DISC 3-5 TU TH 136 M E B

B ADM 405 MARKETING THEORY AND SYSTEMS.
 1 UNIT
 13076 LECT-DISC 10-12 TH 122 D K H

B ADM 410 ORGANIZATIONAL SCIENCES, I.
 SAME AS POL. S. 460, PSYCH. 453, AND SOC. 456.
 PREREQUISITE: ENROLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN
 A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR.
 1 UNIT
 13083 LECT-DISC 10-12 W 166 COM W

B ADM 415 FOUNDATIONS OF CONSUMER BEHAVIOR.
 1 UNIT
 13091 LECT-DISC 10-12 W 96 COM W

B ADM 421 MARKETING STRATEGY: THEORETICAL FOUNDATIONS.
 1 UNIT
 13101 LECT-DISC 10-12 W 241 COM W

B ADM 471 SURVEY METHODS IN MARKETING RESEARCH.
 SAME AS SOC. 474.
 PREREQUISITE: ECON. 171 OR EQUIVALENT.
 1 UNIT
 13119 LECT-DISC A 3-5 M 102 L H

B ADM 473	EXPERIMENTAL DESIGN.					
	1 UNIT					
13126	LECT-DISC	3-5	M		170	COM W
B ADM 490	SEMINAR IN MARKETING.					
	1 UNIT					
13133	CONF					
B ADM 491	SEMINAR IN SPECIAL TOPICS.					
	PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR.					
	1/4 TO 1 UNIT					
13141	LECT-DISC	10-12	M W		91	COM W
B ADM 493	RESEARCH IN SPECIAL FIELDS.					
	1/4 TO 2 UNITS					
13158	CONF	ARR				
B ADM 499	THESIS RESEARCH.					
	0 TO 4 UNITS					
13165	DISC	3-5	TU TH		243	COM W
B ADM 500	BUSINESS ECONOMICS.					
	PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.					
	3/4 UNIT					
13172	LECT-DISC	1-3	M F		243	COM W
B ADM 501	MANAGERIAL ECONOMICS.					
	PREREQUISITE: B. ADM. 500 OR EQUIVALENT.					
	3/4 UNIT					
13180	LECT-DISC	1-3	M F		241	COM W
B ADM 510	ADMINISTRATIVE BEHAVIOR.					
	PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.					
	*CREDIT WILL NOT BE GIVEN FOR BOTH B. ADM. 510 AND 408.					
	*3/4 UNIT					
13197	LECT-DISC	3-5	TU TH		241	COM W
B ADM 512	BUSINESS ORGANIZATION AND ITS ENVIRONMENT.					
	PREREQUISITE: B. ADM. 511.					
	3/4 UNIT					
13208	LECT-DISC	10-12	TU TH		243	COM W
B ADM 520	MARKETING.					
	PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.					
	3/4 UNIT					
13215	LECT-DISC	10-12	M F		243	COM W
B ADM 524	MARKET DEVELOPMENT.					
	PREREQUISITE: B. ADM. 522 OR EQUIVALENT.					
	3/4 UNIT					
13222	LECT-DISC	1-3	M		126	COM W
		1-3	F		36	COM W
B ADM 532	PRODUCTION PLANNING AND CONTROL.					
	PREREQUISITE: FIRST YEAR OF THE M.B.A. PROGRAM.					
	3/4 UNIT					
13230	LECT-DISC	10-12	TU TH		96	COM W
B ADM 543	LEGAL PROBLEMS OF BUSINESS MANAGEMENT.					
	PREREQUISITE: COMPLETION OF THE FIRST YEAR OF THE M. B. A. PROGRAM OR EQUIVALENT.					
	3/4 UNIT					
13247	LECT-DISC	10-12	M F		166	COM W
B ADM 544	EXECUTIVE POLICIES AND PLANNING.					
	PREREQUISITE: FIRST YEAR MASTER OF BUSINESS ADMINISTRATION COURSES OR EQUIVALENT.					
	1 UNIT					
13254	LECT-DISC	3-5	TU TH		122	D K H

B ADM 552 FINANCIAL MANAGEMENT AND CONTROL, I.
 PREREQUISITE: B. ADM. 551.
 3/4 UNIT
 13261 LECT-DISC 8-10 M F 236 COM W

B ADM 560 MANAGERIAL ACCOUNTING AND CONTROL.
 PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.
 3/4 UNIT
 13279 LECT-DISC 1-3 TU TH 243 COM W

B ADM 562 INDUSTRIAL COST CONTROL.
 PREREQUISITE: B. ADM. 560.
 3/4 UNIT
 13286 LECT-DISC 1-3 TU TH 91 COM W

B ADM 570 MATHEMATICAL ANALYSIS FOR BUSINESS DECISIONS.
 PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.
 3/4 UNIT
 13293 LECT-DISC 8-10 M F 241 COM W

B ADM 572 MODERN AND CLASSICAL STATISTICS FOR BUSINESS DECISIONS.
 3/4 UNIT
 13304 LECT-DISC C 10-12 M F 241 COM W
 13311 LECT-DISC L 8-10 TU TH 241 COM W

B ADM 573 INTRODUCTION TO OPERATIONS RESEARCH.
 PREREQUISITE: B. ADM. 572 AND FIRST YEAR OF M.B.A. PROGRAM.
 3/4 UNIT
 13329 LECT-DISC 10-12 TU TH 241 COM W

B ADM 577 ECONOMICS OF DECISION MAKING.
 PREREQUISITE: B. ADM. 572.
 3/4 UNIT
 13336 LECT-DISC 8-10 TU TH 166 COM W

B ADM 578 STOCHASTIC MODELS IN MANAGEMENT SCIENCE.
 PREREQUISITE: MATH. 361 OR 363 OR EQUIVALENT.
 1 UNIT
 13343 LECT-DISC 10-12 M F 96 COM W

B ADM 590 INDEPENDENT STUDY AND RESEARCH.
 1/2 TO 1 UNIT
 13351 CONF G1 3-5 M 241 COM W
 13368 CONF G2 3-5 W 241 COM W

B ADM 599 THESIS RESEARCH.
 0 TO 4 UNITS
 13375 CONF ARR

CERAMIC ENGINEERING

DEPARTMENT OFFICE

203 CER

COURSES FOR UNDERGRADUATES

CER E 101 CERAMIC CRYSTAL CHEMISTRY.
 PREREQUISITE: SOPHOMORE STANDING.
 3 HOURS
 13382 LECT 9 M W F 218 CER FRIEDBERG

CER E 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 13390 CONF ARR FACULTY

COURSES FOR ADVANCED UNDERGRADUATES

CER E 205 PHASE EQUILIBRIA IN CERAMIC SYSTEMS.
 PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 245 OR
 CONSENT OF INSTRUCTOR.
 3 HOURS
 13401 LECT-DISC 8-10 TU TH 218 CER BERGERON

CER E 214 CHEMISTRY AND TECHNOLOGY OF GLASS.
 PREREQUISITE: JUNIOR STANDING IN CERAMIC ENGINEERING, CHEMISTRY, OR
 PHYSICS.
 3 HOURS
 13418 LECT 1 M W 218 CER
 13425 LAB A 2-5 M 111 CER
 13432 LAB B 2-5 W 111 CER TOOLEY

CER E 221 PYROMETRY.
 PREREQUISITE: JUNIOR STANDING, SOPHOMORE PHYSICS.
 2 HOURS
 13440 LECT 11 TH 218 CER
 13457 LAB A 2-5 TU 317 CER
 13464 LAB B 2-5 TH 317 CER WILLMORE

CER E 271 DESIGN OF HIGH TEMPERATURE SYSTEMS.
 PREREQUISITE: CER. E. 208, T. A. M. 221.
 3 HOURS
 13471 LECT-DISC 3-5 M W F 218 CER NELSON

CER E 295 RESEARCH AND DEVELOPMENT METHODS.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 2 HOURS
 13489 LECT 9 TU TH 56 M E B TOOLEY

CER E 298 SPECIAL PROBLEM.
 PREREQUISITE: SENIOR STANDING.
 1 TO 2 HOURS
 13496 CONF ARR FACULTY

CER E 299 SENIOR THESIS.
 PREREQUISITE: SENIOR STANDING AND A GRADE POINT AVERAGE OF 4.0
 OR BETTER.
 *STUDENTS MAY REGISTER MORE THAN ONCE FOR A MAXIMUM OF FIVE HOURS.
 TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED.
 *1 TO 5 HOURS
 13507 CONF ARR FACULTY

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CER E 307 THERMAL AND MECHANICAL PROPERTIES OF CERAMIC MATERIALS.
 PREREQUISITE: CER. E. 216, CER. E. 331, T. A. M. 154, AND T. A. M.
 221.
 3 HOURS OR 3/4 UNIT
 13514 LECT 8 M W 319 CER BROWN
 13521 LAB A 9-12 M 114 CER
 13539 LAB B 2-5 TH 114 CER

CER E 309 WHITEWARE MATERIALS.
 PREREQUISITE: CER. E. 206 OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT

13546	LECT		10	TU TH	218	CER	
13553	LAB	A	2-5	TU	113	CER	
13561	LAB	B	9-12	F	113	CER	COOK

CER E 311 CERAMIC X-RAY ANALYSIS.
 PREREQUISITE: C. S. 101 AND SENIOR STANDING IN ENGINEERING,
 CHEMISTRY, GEOLOGY, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT

13578	LECT		1	TU TH	319	CER	
13585	LAB	A	2-5	TU	316	CER	
13592	LAB	B	2-5	TH	316	CER	WIRTZ

CER E 320 ADVANCED PORCELAIN ENAMELS.
 PREREQUISITE: CER. E. 222 OR CONSENT OF INSTRUCTOR.
 2 TO 3 HOURS, OR 1/2 TO 3/4 UNIT

13603	LECT		11	W	ARR		
	LAB		2-5	TH	102	CER	COOK

CER E 331 CERAMIC MICROSCOPY.
 PREREQUISITE: CER. E. 205 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

13611	LECT		2	TU	322	CER	
	LAB		3-6	TU	322	CER	
			8-10	TH	322	CER	

COURSES FOR GRADUATES

CER E 401 CERAMIC CHEMISTRY.
 PREREQUISITE: COURSES IN CHEMISTRY AND PHYSICS.
 1 UNIT

13628	LECT-DISC		10	M W F	218	CER	
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CER E 405 GLASS TECHNOLOGY.
 PREREQUISITE: CER. E. 301 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
 *FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
 *3/4 TO 1 UNIT

13635	LECT-DISC		11	TU TH	214	CER	TOOLEY
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CER E 410 DIELECTRIC PROPERTIES OF CERAMIC MATERIALS.
 PREREQUISITE: MATH. 345, 343, OR CONSENT OF INSTRUCTOR.
 *FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
 *3/4 TO 1 UNIT

13642	LECT		8	W F	218	CER	
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CER E 421 REFRACTORY MATERIALS ENGINEERING.
 PREREQUISITE: CER. E. 310 OR CONSENT OF INSTRUCTOR.
 1 UNIT

13650	LECT-DISC		10	M W F	322	CER	
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CER E 461 MINERALOGY OF CLAYS.
 SAME AS GEOL. 461.
 PREREQUISITE: GEOL. 336 OR EQUIVALENT; CONSENT OF INSTRUCTOR.
 1 UNIT

13667	LECT		10	M W F	109	N H B	
	LAB		ARR				

CER E 495 MATERIALS AND SPECIAL PROBLEMS.
 PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
 0 TO 2 UNITS

13674	LECT-DISC	ARR					FACULTY
	INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ						

CER E 498 SEMINAR IN CERAMICS.
 REGISTRATION REQUIRED OF ALL GRADUATE STUDENTS IN CERAMIC
 ENGINEERING.
 PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
 0 CREDIT

13681	LECT		2	F	218	CER	
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THIS IS RESEARCH.

PREREQUISITE: CER. E. 311, GRADUATE STANDING IN CERAMIC ENGINEERING.

0 TO 4 UNITS

13699 CONF

ARR

INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON,
TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

CHEMISTRY AND CHEMICAL ENGINEERING

DEPARTMENT OFFICE

106 N. L.

CHEMISTRY CURRICULUM: SEE UNDERGRADUATE STUDY CATALOG.

CHEMISTRY MAJORS IN THE SCIENCES AND LETTERS CURRICULUM: SEE UNDERGRADUATE COURSES CATALOG.

NOTE: CERTAIN CHEMISTRY COURSES HAVE BEEN REVISED AND RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN ORDER TO SATISFY LISTED PREREQUISITES: OLD CHEMISTRY 133 IS NOW CHEMISTRY 131 AND 134, OLD CHEMISTRY 234 IS NOW CHEMISTRY 136, OLD CHEMISTRY 281 IS NOW CHEMISTRY 181.

CHEMISTRY

COURSES FOR UNDERGRADUATES

CHEM 100 INTRODUCTORY CHEMISTRY.

NO PREVIOUS CREDIT IN HIGH SCHOOL CHEMISTRY IS PRESUMED.
PREREQUISITE: TWO AND ONE-HALF UNITS IN HIGH SCHOOL MATHEMATICS,
OR CREDIT OR CONCURRENT REGISTRATION IN MATH. 111 OR 112.
2 HOURS

ATTENDANCE AT LECTURE, AT ASSIGNED QUIZ AND FOR 2-3 HOURS (UNSCHEDULED) IN AUDIO-TUTORIAL FACILITY (308 N. L.) IS REQUIRED WEEKLY.

*QUIZ SECTION J IS FOR STUDENTS WITH EXCEPTIONALLY POOR BACKGROUNDS
IN CHEMISTRY AND MATHEMATICS.

13700	LECT	10	M	W	100	N L	ROGER S
	LAB	ARR			308	N L	
13717	QUIZ	A		F	201	N L	
13724	QUIZ	B		F	201	N L	
13731	QUIZ	C		F	103	N L	
13749	QUIZ	D		F	210	C A	
13756	QUIZ	E		F	199	E C	
13763	QUIZ	F		F	201	N L	
13771	QUIZ	G		F	201	N L	
13788	QUIZ	*J	1	M	W	F	103 N L

CHEM 101 GENERAL CHEMISTRY.

FOR STUDENTS WHO HAVE SOME PRIOR KNOWLEDGE OF CHEMISTRY.

PREREQUISITE: CREDIT FOR OR EXEMPTION FROM MATH. 111 OR 112.

4 HOURS

A STUDENT MUST REGISTER IN A QUIZ-LAB COMBINATION BEARING THE SAME LETTER AS THE LECTURE HE CHOOSES.

LECTURES D, E, F, AND G ARE TV LECTURES.

13795	LECT	A	10	TU TH	100	N L
14388	LECT	B	11	TU TH	100	N L
14559	LECT	C	1	TU TH	100	N L
13966	LECT	*D	9	TU TH	66	LIB
14064	LECT	*E	9	TU TH	103	M H
14161	LECT	*F	2	TU TH	103	M H
14274	LECT	*G	2	TU TH	66	LIB
13806	QUIZ	2A	3	TU TH	103	N L
	LAB	2A	9-12	M	101	C A
13813	QUIZ	3A	3	W F	101	E C
	LAB	3A	2-5	M	101	C A
13821	QUIZ	4A	10	M W	164	N L
	LAB	4A	2-5	TU	101	C A

CHEM 101 CONTINUED

13838	QUIZ	5A	11	TU TH	111	N L
	LAB	5A	2-5	TU	101	C A
13845	QUIZ	6A	3	TU TH	164	N L
	LAB	6A	9-12	W	201	C A
13852	QUIZ	7A	3	W F	195	N L
	LAB	7A	1-4	TH	1	C A
13860	QUIZ	8A	4	M W	161	N L
	LAB	8A	1-4	TH	1	C A
13877	QUIZ	9A	10	M W	193	E C
	LAB	9A	2-5	W	101	C A
13884	QUIZ	10A	10	W F	101	E C
	LAB	10A	2-5	TH	201	C A
13891	QUIZ	11A	3	M W	8	C A
	LAB	11A	9-12	F	201	C A
13902	QUIZ	12A	12	M W	161	N L
	LAB	12A	9-12	F	201	C A
13910	QUIZ	13A	12	TU TH	162	N L
	LAB	13A	8-11	F	1	C A
13927	QUIZ	14A	2	M W	111	N L
	LAB	14A	2-5	F	201	C A
13934	QUIZ	15A	3	M W	115	E C
	LAB	15A	2-5	F	101	C A
13941	QUIZ	16A	12	TU TH	217	N L
	LAB	16A	9-12	F	101	C A
13959	QUIZ	84A	11	TU TH	195	N L
	LAB	84A	9-12	W	101	C A
14395	QUIZ	17B	9	W F	195	N L
	LAB	17B	9-12	M	101	C A
14406	QUIZ	18B	11	W F	193	E C
	LAB	18B	2-5	M	101	C A
14413	QUIZ	19B	11	M W	164	N L
	LAB	19B	2-5	TU	101	C A
14421	QUIZ	20B	10	TU TH	116	E C
	LAB	20B	9-12	W	201	C A
14438	QUIZ	21B	2	W F	217	N L
	LAB	21B	9-12	W	101	C A
14445	QUIZ	22B	3	TU TH	195	N L
	LAB	22B	9-12	W	101	C A
14452	QUIZ	23B	3	M W	199	E C
	LAB	23B	1-4	TH	1	C A
14460	QUIZ	24B	8	M W	193	E C
	LAB	24B	2-5	TU	201	C A
14477	QUIZ	25B	12	M W	111	N L
	LAB	25B	2-5	W	101	C A
14484	QUIZ	26B	1	TU TH	195	N L
	LAB	26B	8-11	TH	1	C A
14491	QUIZ	27B	12	W F	101	E C
	LAB	27B	2-5	TH	201	C A
14502	QUIZ	28B	10	M W	103	N L
	LAB	28B	9-12	F	201	C A
14510	QUIZ	29B	9	TU TH	195	N L
	LAB	29B	8-11	F	1	C A
14527	QUIZ	30B	2	TU TH	111	N L
	LAB	30B	2-5	F	201	C A
14534	QUIZ	31B	10	TU TH	164	N L
	LAB	31B	9-12	F	101	C A
14541	QUIZ	85B	2	TU TH	164	N L
	LAB	85B	2-5	F	101	C A
14566	QUIZ	32C	2	W F	101	E C
	LAB	32C	2-5	M	101	C A
14573	QUIZ	33C	2	W F	199	E C
	LAB	33C	2-5	M	101	C A
14581	QUIZ	34C	12	TU TH	164	N L
	LAB	34C	2-5	M	201	C A
14598	QUIZ	35C	9	W F	217	N L
	LAB	35C	9-12	TU	201	C A
14609	QUIZ	36C	9	W F	101	E C
	LAB	36C	9-12	TU	201	C A
14616	QUIZ	37C	1	M W	199	E C
	LAB	37C	2-5	W	101	C A
14623	QUIZ	38C	8	TU TH	199	E C
	LAB	38C	9-12	TH	101	C A
14631	QUIZ	39C	10	W F	8	C A
	LAB	39C	8-11	TH	1	C A
14648	QUIZ	40C	8	W F	161	N L
	LAB	40C	8-11	TH	1	C A
14655	QUIZ	41C	9	M W	103	N L
	LAB	41C	9-12	TH	201	C A

CHEM 101 CONTINUED

14662	QUIZ	42C	1	W F	115	E C
	LAB	42C	9-12	TH	201	C A
14670	QUIZ	43C	12	TU TH	161	N L
	LAB	43C	8-11	F	1	C A
14687	QUIZ	44C	3	M W	103	N L
	LAB	44C	2-5	F	101	C A
14694	QUIZ	45C	1	M W	162	N L
	LAB	45C	1-4	F	1	C A
14705	QUIZ	46C	1	W F	8	C A
	LAB	46C	9-12	TU	201	C A
14712	QUIZ	47C	3	TU TH	162	N L
	LAB	47C	1-4	F	1	C A
13973	QUIZ	*48D	10	TU TH	195	N L
	LAB	*48D	9-12	M	201	C A
13981	QUIZ	*49D	11	TU TH	152	C A
	LAB	*49D	9-12	M	201	C A
13998	QUIZ	*50D	8	M W	152	C A
	LAB	*50D	2-5	TU	101	C A
14001	QUIZ	*51D	3	W F	217	N L
	LAB	*51D	2-5	TU	201	C A
14018	QUIZ	*52D	11	W F	103	N L
	LAB	*52D	1-4	TH	1	C A
14025	QUIZ	*53D	11	TU TH	103	N L
	LAB	*53D	2-5	TH	201	C A
14032	QUIZ	*54D	8	TU TH	161	N L
	LAB	*54D	9-12	F	101	C A
14040	QUIZ	*55D	3	TU TH	115	E C
	LAB	*55D	9-12	W	201	C A
14057	QUIZ	*86D	1	TU TH	164	N L
	LAB	*86D	9-12	F	201	C A
14071	QUIZ	*56E	12	TU TH	195	N L
	LAB	*56E	9-12	M	101	C A
14089	QUIZ	*57E	9	W F	8	C A
	LAB	*57E	9-12	M	101	C A
14096	QUIZ	*58E	9	W F	152	C A
	LAB	*58E	9-12	M	201	C A
14107	QUIZ	*59E	8	W F	199	E C
	LAB	*59E	9-12	W	101	C A
14114	QUIZ	*60E	10	W F	111	N L
	LAB	*60E	2-5	TU	201	C A
14121	QUIZ	*61E	9	W F	193	E C
	LAB	*61E	2-5	TU	201	C A
14139	QUIZ	*62E	8	M W	101	E C
	LAB	*62E	2-5	W	101	C A
14146	QUIZ	*63E	8	M W	217	N L
	LAB	*63E	2-5	TH	201	C A
14153	QUIZ	*64E	8	TU TH	115	E C
	LAB	*64E	9-12	F	101	C A
14178	QUIZ	*65F	9	W F	111	N L
	LAB	*65F	9-12	M	201	C A
14185	QUIZ	*66F	2	W F	103	N L
	LAB	*66F	2-5	M	201	C A
14192	QUIZ	*67F	2	W F	116	E C
	LAB	*67F	2-5	M	201	C A
14203	QUIZ	*68F	3	W F	111	N L
	LAB	*68F	2-5	M	201	C A
14211	QUIZ	*69F	2	W F	8	C A
	LAB	*69F	9-12	TU	201	C A
14228	QUIZ	*70F	2	W F	152	C A
	LAB	*70F	9-12	TU	101	C A
14235	QUIZ	*71F	8	M W	111	N L
	LAB	*71F	9-12	TU	101	C A
14242	QUIZ	*72F	1	M W	111	N L
	LAB	*72F	9-12	TU	101	C A
14250	QUIZ	*73F	11	W F	152	C A
	LAB	*73F	9-12	TH	101	C A
14267	QUIZ	*74F	3	W F	162	N L
	LAB	*74F	9-12	TU	201	C A
14281	QUIZ	*75G	1	TU TH	199	E C
	LAB	*75G	9-12	TH	101	C A
14299	QUIZ	*76G	9	W F	164	N L
	LAB	*76G	9-12	TH	101	C A
14300	QUIZ	*77G	11	TU TH	161	N L
	LAB	*77G	8-11	TH	1	C A
14317	QUIZ	*78G	8	TU TH	111	N L
	LAB	*78G	9-12	TH	201	C A
14324	QUIZ	*79G	3	W F	161	N L
	LAB	*79G	9-12	TH	201	C A

CHEM	101	CONTINUED									
	14331	QUIZ	*80G	2	M	W		161	N	L	
		LAB	*80G	2-5			F	201	C	A	
	14349	QUIZ	*81G	2	M	W		115	E	C	
		LAB	*81G	1-4			F	1	C	A	
	14356	QUIZ	*82G	8		W	F	162	N	L	
		LAB	*82G	9-12		TU		101	C	A	
	14363	QUIZ	*83G	1		TU	TH	162	N	L	
		LAB	*83G	8-11			F	1	C	A	
	14371	QUIZ	*87G	9		TU	TH	161	N	L	
		LAB	*87G	2-5			F	101	C	A	
CHEM	102	GENERAL CHEMISTRY.									
		PREREQUISITE: CHEM. 101, OR 107, OR ADVANCED									
		PLACEMENT CREDIT FOR ONE SEMESTER OF COLLEGE LEVEL CHEMISTRY.									
		4 HOURS									
		STUDENTS MUST REGISTER IN ONE QUIZ-LAB-LECTURE COMBINATION.									
		LECTURES R AND S ARE TV LECTURES.									
	14720	QUIZ	103	8		TU	TH	164	N	L	
		LAB	103	1-4	M			1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14737	QUIZ	104	8		TU	TH	193	E	C	
		LAB	104	8-11	M			1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14744	QUIZ	105	8		TU	TH	195	N	L	
		LAB	105	8-11	M			1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14751	QUIZ	106	9		TU	TH	164	N	L	
		LAB	106	1-4	M			1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14769	QUIZ	107	10		TU	TH	103	N	L	
		LAB	107	1-4		TU		1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14776	QUIZ	108	1		TU	TH	111	N	L	
		LAB	108	8-11		TU		1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14783	QUIZ	109	9		TU	TH	199	E	C	
		LAB	109	1-4		TU		1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14791	QUIZ	110	9		TU	TH	103	N	L	
		LAB	110	8-11		W		1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14801	QUIZ	111	3		TU	TH	111	N	L	
		LAB	111	8-11	M			1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14819	QUIZ	112	3		W	F	193	E	C	
		LAB	112	1-4		TU		1	C	A	
		LECT	R	11		TU	TH	103	M	H	
	14826	QUIZ	113	10		TU	TH	101	E	C	
		LAB	113	8-11		W		1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14833	QUIZ	114	11		M	W	300	N	L	
		LAB	114	1-4	M			1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14841	QUIZ	115	12		M	W	199	E	C	
		LAB	115	8-11		TU		1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14858	QUIZ	116	10		W	F	152	C	A	
		LAB	116	8-11		TU		1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14865	QUIZ	117	12		M	W	162	N	L	
		LAB	117	8-11		TU		1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14872	QUIZ	118	1		W	F	116	E	C	
		LAB	118	8-11		W		1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14880	QUIZ	119	3		W	F	164	N	L	
		LAB	119	8-11	M			1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14897	QUIZ	120	1		W	F	152	C	A	
		LAB	120	1-4	M			1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14908	QUIZ	121	3		W	F	116	E	C	
		LAB	121	8-11		W		1	C	A	
		LECT	S	11		TU	TH	100	G	H	
	14915	QUIZ	122	10		TU	TH	217	N	L	
		LAB	122	1-4		TU		1	C	A	
		LECT	S	11		TU	TH	100	G	H	

CHEM 107 GENERAL CHEMISTRY.
 PREREQUISITE: ONE YEAR OF HIGH SCHOOL CHEMISTRY WITH AT LEAST A B AVERAGE GRADE; CREDIT OR REGISTRATION IN MATH. 122 OR 123.
 *STUDENTS WITH CREDIT IN CHEM. 101 RECEIVE ONLY 2 HOURS CREDIT. STUDENTS WITH ADVANCED PLACEMENT CREDIT IN CHEMISTRY MAY, WITH THE CONSENT OF THE DEPARTMENT, TAKE THE LABORATORY PART OF THIS COURSE FOR 2 HOURS CREDIT, BUT MAY NOT RECEIVE MORE THAN 5 HOURS TOTAL CREDIT FOR CHEMISTRY 107.
 *5 HOURS
 SECTIONS 829, 830, AND 831 ARE RESTRICTED TO DESIGNATED HONOR STUDENTS.

14922	LECT		8	TU TH	100	N L
15060	QUIZ	829	1	M W F	193	E C
	LAB	829	8-12	M	310	C A
15077	QUIZ	830	2	M W F	193	E C
	LAB	830	8-12	W	310	C A
15084	QUIZ	831	10	M W F	116	E C
	LAB	831	1-5	M	310	C A
14930	QUIZ	132	2	M W F	164	N L
	LAB	132	8-12	W	310	C A
14947	QUIZ	133	1	M W F	101	E C
	LAB	133	8-12	M	310	C A
14954	QUIZ	134	8	M W F	103	N L
	LAB	134	1-5	W	310	C A
14961	QUIZ	135	9	M W F	161	N L
	LAB	135	1-5	TH	310	C A
14979	QUIZ	136	2	M W F	195	N L
	LAB	136	1-5	TH	310	C A
14986	QUIZ	137	8	M W F	164	N L
	LAB	137	1-5	W	310	C A
14993	QUIZ	138	9	M W F	162	N L
	LAB	138	1-5	M	310	C A
15006	QUIZ	139	11	M W F	111	N L
	LAB	139	1-5	F	310	C A
15013	QUIZ	140	11	M W F	162	N L
	LAB	140	1-5	F	310	C A
15021	QUIZ	141	4	M W F	111	N L
	LAB	141	8-12	F	310	C A
15038	QUIZ	142	4	M W F	162	N L
	LAB	142	8-12	F	310	C A
15045	QUIZ	143	10	M W F	195	N L
	LAB	143	1-5	M	212	C A
15052	QUIZ	144	11	M W F	195	N L
	LAB	144	1-5	W	212	C A

CHEM 108 GENERAL CHEMISTRY.
 PREREQUISITE: CHEM. 107.
 *STUDENTS WITH ADVANCED PLACEMENT CREDIT IN CHEMISTRY, MAY WITH THE CONSENT OF THE DEPARTMENT, TAKE THE LABORATORY PART OF THIS COURSE FOR 2 HOURS CREDIT BUT MAY NOT RECEIVE MORE THAN 5 HOURS TOTAL CREDIT FOR CHEM. 108.
 *5 HOURS

15091	LECT		10	TU TH	111	N L
	QUIZ		2	M W F	162	N L
	LAB		1-5	TU	310	C A

CHEM 122 ELEMENTARY QUANTITATIVE ANALYSIS.
 FOR ALL STUDENTS IN HOME ECONOMICS AND PREMEDICAL COURSES AND ALL OTHERS WHO HAVE NOT FOLLOWED THE SEQUENCE CHEM. 107 AND 108.
 PREREQUISITE: CHEM. 102.
 5 HOURS
 STUDENTS ARE REQUIRED TO TAKE THE QUIZ AND LABORATORY IN SOME ONE SECTION.

15102	LECT		11	M W	100	N L
15110	QUIZ	A1	11	M W F	210	C A
	LAB	A1	1-530	M W	301	C A
15127	QUIZ	B1	11	F	300	N L
	LAB	B1	1-530	TU TH	301	C A
15134	QUIZ	C1	11	F	204	N L
	LAB	C1	8-1230	TU TH	301	C A
15141	QUIZ	A2	11	F	164	N L
	LAB	A2	1-530	M W	301	C A
15159	QUIZ	B2	11	F	201	N L
	LAB	B2	1-530	TU TH	301	C A
15166	QUIZ	C2	11	F	217	N L
	LAB	C2	8-1230	TU TH	301	C A

CHEM 131 ELEMENTARY ORGANIC CHEMISTRY.
 PREREQUISITE: CHEM. 102 OR CHEM. 108.
 *STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 131 AND 136.
 *3 HOURS

15173	LECT		8	M W F	100	N L
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HARTLEY

SMITH

CHEM 321 INSTRUMENTAL ANALYSIS.
PREREQUISITE: CHEM. 340 OR 342, AND 383.
3 HOURS OR 3/4 UNIT

15480	LECT		8	M W	115	E C	JONAS
15497	LAB	A	1-530	W	167	E C	
15508	LAB	B	1-530	TU	167	E C	
15515	LAB	C	8-1230	TU	167	E C	

CHEM 322 SEPARATION METHODS AND QUANTITATIVE ORGANIC ANALYSIS.
PREREQUISITE: CHEM 336.
4 HOURS OR 1 UNIT

15522	LECT		10	M W	199	E C	JUVET
15530	LAB	A	1-530	TU	145	E C	
15547	LAB	B	1-530	F	145	E C	

CHEM 323 APPLIED ELECTRONICS FOR SCIENTISTS.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN ANY OF THE PHYSICAL SCIENCES OR ENGINEERING OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT

15554	LECT		11	TU TH	115	E C	MALMSTADT
15561	LAB	A	1-530	W	75	E C	
15579	LAB	B	1-530	TH	75	E C	
15586	LAB	C	1-530	TU	75	E C	

CHEM 336 ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 131 AND 134 OR CHEM. 136 AND 181.
3 HOURS OR 3/4 UNIT

15593	LECT		11	M W F	116	E C	RINEHART
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CHEM 337 ORGANIC CHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 336.
2 HOURS OR 1/2 UNIT

15604	QUIZ		1	TU	161	N L	MARTIN
	LAB		2-4	TU	250	N L	
			1-4	TH	250	N L	

CHEM 338 SEPARATION, PURIFICATION AND IDENTIFICATION OF ORGANIC COMPOUNDS.
PREREQUISITE: CHEM. 336 AND 337.
4 HOURS OR 1 UNIT

15611	QUIZ		1	M W	195	N L	COATES
	LAB		2-5	M W	218	N L	

CHEM 340 PRINCIPLES OF PHYSICAL CHEMISTRY.
NOT OPEN TO STUDENTS IN THE SPECIALIZED CURRICULA IN CHEMISTRY OR CHEMICAL ENGINEERING.
PREREQUISITE: CHEM. 122 AND 131, OR EQUIVALENT; PHYCS. 102; MATH. 130 OR EQUIVALENT.
4 HOURS OR 1 UNIT

15629	LECT		11	MTUWTH	217	N L	WETMUR
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CHEM 341 ELEMENTARY PHYSICAL CHEMISTRY LABORATORY.
PREREQUISITE: REGISTRATION IN CHEM. 340 OR CREDIT FOR ONE SEMESTER OF A LECTURE COURSE IN PHYSICAL CHEMISTRY.
1 HOUR OR 1/4 UNIT

15636	LAB	B	1-4	TU	24	N L	CRAIG
15643	LAB	C	1-4	W	24	N L	

CHEM 342 PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 108, 122, 123, OR EQUIVALENT; PHYCS. 106, 107, AND 108, OR TWO SEMESTERS OF GENERAL PHYSICS WITH CONCURRENT REGISTRATION IN THE THIRD SEMESTER; CREDIT OR REGISTRATION IN MATH. 140 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT
STUDENTS SHOULD NOT ENROLL IN CHEM. 342 WHO DO NOT INTEND TO ENROLL IN CHEM. 344.

15651	LECT		10	M W F	112	C A	
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CHEM 344 PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 342.
3 HOURS OR 3/4 UNIT

15668	LECT		10	M W F	161	N L	LOMBARDI
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COURSE	NUMBER	TITLE	PREREQUISITE	UNITS	SEMESTER	DAY	TIME	INSTRUCTOR
CHEM	348	ADVANCED PHYSICAL CHEMISTRY.	PREREQUISITE: CHEM. 344 OR EQUIVALENT. 4 HOURS OR 1 UNIT	8	M W F	112	C A	FLYGARE
CHEM	349	ADVANCED PHYSICAL CHEMISTRY.	PREREQUISITE: CHEM. 348. 4 HOURS OR 1 UNIT	8	M W F	195	N L	BELFORD
CHEM	383	DYNAMICS, STRUCTURE AND PHYSICAL METHODS. TO BE TAKEN CONCURRENTLY WITH CHEM. 342. PREREQUISITE: CHEM. 136 AND 181 AND CREDIT OR REGISTRATION IN PHYS. 108 AND MATH. 142. 2 HOURS OR 1/2 UNIT	STUDENTS MUST REGISTER FOR ONE LAB-QUIZ COMBINATION.					
	15690	LAB A1	8-12	TU	174	E C		
		QUIZ A	10	TH	162	N L		BROWN
	15701	LAB B1	8-12	TH	174	E C		
		QUIZ B	10	TU	162	N L		
	15718	LAB C1	1-5	F	174	E C		
		QUIZ B	10	TU	162	N L		
	15725	LAB D1	8-12	S	174	E C		
		QUIZ A	10	TH	162	N L		
CHEM	385	CHEMICAL FUNDAMENTALS. TO BE TAKEN CONCURRENTLY WITH CHEM. 344. PREREQUISITE: CHEM. 342 AND 383. 4 HOURS OR 1 UNIT	STUDENTS MUST REGISTER IN ONE QUIZ-LAB COMBINATION.					
	15732	QUIZ A	2	F	161	N L		YARDLEY
		LAB A	1-5	M W	124	N L		
	15740	QUIZ B	2	M	103	N L		
		LAB B	1-5	TU TH	124	N L		
	15757	QUIZ C	2	TH	161	N L		
		LAB C	8-12	TU TH	124	N L		
CHEM	392	APPLIED X-RAYS. PREREQUISITE: CHEM. 342 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT		9	TU TH S	111	N L	PAUL
CHEM	394	APPLIED X-RAY LABORATORY. PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 392 OR CONSENT OF INSTRUCTOR. 2 TO 4 HOURS, OR 1/4 TO 1 UNIT						
	15771	LAB ARR						PAUL
CHEM	396	ATOMIC PHYSICS. SAME AS PHYSCS. 381. PREREQUISITE: GENERAL PHYSICS AND MATH. 343 OR 345. *CREDIT NOT ALLOWED FOR CHEM. 396 OR PHYSCS. 381 IN ADDITION TO PHYSCS. 386. *4 HOURS OR 1 UNIT		10	M W F	158	P B	
CHEM	397	RADIOCHEMISTRY. SAME AS NUC. E. 397. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT		10	TU TH S	161	N L	HUMMEL
CHEM	398	RADIOCHEMISTRY LABORATORY. SAME AS NUC. E. 398. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT		11	S	111	N L	HUMMEL
	15807	DISC LAB	1-4	TU	20	N L		HUMMEL

COURSES FOR GRADUATES

CHEM	405	INORGANIC CHEMISTRY SEMINAR. REQUIRED OF ALL GRADUATE STUDENTS MAJORING IN INORGANIC CHEMISTRY. 1/4 UNIT							
	15814	LECT-DISC	4	TU	112	C A		BAILAR	
CHEM	406	PHYSICAL INORGANIC CHEMISTRY. PREREQUISITE: CHEM. 315, AND 344. 1 UNIT							
	15821	LECT-DISC	1	M W F	161	N L		DRAGO	
CHEM	407	SPECIAL TOPICS IN INORGANIC CHEMISTRY. PREREQUISITE: CHEM. 406 OR CONSENT OF INSTRUCTOR. *STUDENTS MAY REPEAT THIS COURSE FOR CREDIT. *1/2 TO 1 UNIT							
	15839	LECT	10	M W F	217	N L		BEATTIE	
CHEM	421	SPECTROCHEMICAL METHODS OF ANALYSIS. PREREQUISITE: GENERAL PHYSICS AND CHEMISTRY EQUIVALENT TO A MAJOR FOR A BACHELORS DEGREE. 1 UNIT							
	15846	LECT	9	TU TH	193	E C		MALMSTADT	
	15853	LAB	A	1-530	M	37	E C		
	15861	LAB	B	1-530	TU	37	E C		
	15878	LAB	C	1-530	W	37	E C		
	15885	LAB	D	1-530	TH	37	E C		
CHEM	424	QUANTITATIVE ANALYSIS. PREREQUISITE: GRADUATE STANDING IN CHEMISTRY. 1/2 UNIT							
	15892	LECT	X	10	TU TH	193	E C	LAITINEN	
CHEM	425	ANALYTICAL CHEMISTRY SEMINAR. REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS ANALYTICAL CHEMISTRY. 1/4 UNIT							
	15903	LECT-DISC	3	F	171	E C		LAITINEN	
CHEM	429	ELECTRON MICROSCOPY WITH LABORATORY. SAME AS BIOL. 429. OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS. PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR. 1 UNIT							
	15911	LECT	4	M W	242	BEV HALL		HALL	
		LAB-DISC	4	F	242	BEV HALL			
		LAB	ARR		97	BEV HALL			
CHEM	431	ORGANIC CHEMISTRY. PREREQUISITE: CHEM. 430 OR 336 AND ONE YEAR OF PHYSICAL CHEMISTRY. 1 UNIT							
	15928	LECT	11	M W F	161	N L		APPLEQUIST	
CHEM	434	ADVANCED ORGANIC SYNTHESIS. 1/4 TO 1 UNIT							
	15935	LAB	ARR		218	N L		MARTIN	
CHEM	435	ORGANIC CHEMISTRY SEMINAR. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT							
	15942	LECT-DISC	4	M TH	116	E C		LEONARD	
CHEM	441	CHEMICAL THERMODYNAMICS. PREREQUISITE: CHEM. 342 AND 344 OR EQUIVALENT. 1 UNIT							
	15950	LECT	10	M W F	115	E C		MARCUS	

CHEM 445 PHYSICAL CHEMISTRY SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS PHYSICAL
 CHEMISTRY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/4 OR 1/2 UNIT
 15967 LECT-DISC 4 W 193 E C SECREST

CHEM 446 MOLECULAR QUANTUM MECHANICS.
 PREREQUISITE: REGISTRATION IN CHEM. 349 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 15974 LECT 11 M W F 199 E C

CHEM 490 SPECIAL TOPICS IN CHEMISTRY.
 PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT.
 1/4 TO 4 UNITS
 15981 CONF ARR STAFF

CHEM 493 ADVANCED ELECTRON MICROSCOPY.
 SAME AS BIOL. 493.
 OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
 PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.
 1/4 TO 1/2 UNIT
 15999 LAB-DISC ARR 97 BEV HALL HALL

CHEM 494 CHEMICAL BASIS OF BIOLOGICAL SPECIFICITY.
 SAME AS BIOCH. 494.
 PREREQUISITE: CHEM. 344, 346, 350 OR 450 AND MCBIO. 330 OR
 CONSENT OF INSTRUCTOR.
 3/4 UNIT
 16001 LECT 11 TU TH S 101 E C GUNSALUS

CHEM 499 THESIS RESEARCH.
 0 TO 4 UNITS
 16019 CONF ARR STAFF

BIOCHEMISTRY

COURSES FOR UNDERGRADUATES

BIOCH 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION A TOPIC: DRUG USAGE: BIOLOGY AND SOCIAL POLICY, 1 HOUR.
 SECTION A IS OFFERED CONCURRENTLY WITH SECTION A PSYCHOLOGY 199.
 16026 CONF A 4 TU 100 N L MC CLURE,
 KURKE

COURSES FOR ADVANCED UNDERGRADUATES

BIOCH 290 THESIS.
 PREREQUISITE: BIOCH. 350 AND 355. EACH STUDENT WHO DESIRES TO DO
 THESIS RESEARCH MUST RECEIVE WRITTEN PERMISSION FROM A MEMBER OF
 THE BIOCHEMISTRY FACULTY. ACCORDINGLY, PROSPECTIVE STUDENTS ARE
 ENCOURAGED TO CONTACT THE BIOCHEMISTRY STAFF IN THE SEMESTER PRIOR
 TO REGISTRATION IN THIS COURSE. REGISTRATION FOR A TOTAL OF 10
 HOURS OVER 2 SEMESTERS IS EXPECTED.
 *IN ORDER TO RECEIVE CREDIT A THESIS MUST BE PRESENTED
 BY EACH STUDENT REGISTERED IN BIOCH. 290.
 *4 TO 6 HOURS
 16033 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOCH 350 GENERAL BIOCHEMISTRY.
 PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR
 136 OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 16041 LECT 9 TU TH S 116 E C WOOD

BIOCH 354 INTRODUCTION TO BIOCHEMISTRY.
 LIMITED TO VETERINARY MEDICINE, NUTRITION, DIATETICS AND OTHER
 PROFESSIONAL STUDENTS.
 PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131
 OR 136 OR EQUIVALENT, LABORATORY COURSE IN GENERAL BIOLOGY,
 BOTANY OR ZOOLOGY, OR CONSENT OF INSTRUCTOR.
 5 HOURS OR 1 UNIT

16058	LECT	8	M W F	116	E C	STAFF
	LAB	9-12	TU TH	219	N L	

BIOCH 355 BIOCHEMISTRY LABORATORY.
 PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR
 136 OR EQUIVALENT; REGISTRATION IN BIOCH. 350.
 4 HOURS OR 1 UNIT

16065	QUIZ	A	8		S	217	N L
	LAB-DISC	A	1	M W F		217	N L
	LAB	A	2-4	M W		219	N L
		A	2		F	219	N L
16072	QUIZ	B	8		S	217	N L
	LAB-DISC	B	1	TU TH		217	N L
		B	10		S	217	N L
	LAB	B	2-4	TU TH		219	N L
		B	11		S	219	N L

COURSES FOR GRADUATES

BIOCH 452 EXPERIMENTAL TECHNIQUES IN BIOCHEMISTRY.
 PREREQUISITE: BIOCH. 350 AND 355.
 3/4 OR 1 UNIT

16080	DISC	1	TU TH	115	E C	DUS
	LAB	2-5	TU TH	315	N L	

BIOCH 455 BIOCHEMISTRY SEMINAR.
 REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS BIOCHEMISTRY.
 PREREQUISITE: BIOCH. 350 AND 355, OR EQUIVALENT.
 1/2 UNIT

16097	LECT-DISC	A	2		F	115	E C	STAFF
16108	LECT-DISC	B	ARR					

BIOCH 494 CHEMICAL BASIS OF BIOLOGICAL SPECIFICITY.
 SAME AS CHEM. 494.
 PREREQUISITE: CHEM. 344, 346, 350 OR 450 AND MCBIO. 330 OR
 CONSENT OF INSTRUCTOR.
 3/4 UNIT

16115	LECT	11	TU TH S	101	E C	GUNSALUS
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BIOCH 499 THESIS RESEARCH.
 0 TO 4 UNITS

16122	CONF	ARR				STAFF
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CHEMICAL ENGINEERING

COURSES FOR UNDERGRADUATES

CH E 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 16130 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

CH E 261 STOICHIOMETRY.
 PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 136 OR 342.
 3 HOURS
 16147 LECT-DISC 9 M W F 199 E C HUDSON

CH E 290 THESIS.
 LIMITED IN GENERAL TO SENIORS IN THE CHEMICAL ENGINEERING CURRICULUM. ANY OTHERS MUST HAVE THE CONSENT OF THE HEAD OF THE DEPARTMENT.
 *EACH STUDENT MUST REGISTER IN A MINIMUM OF FIVE HOURS EITHER IN ONE SEMESTER OR DIVIDED OVER TWO SEMESTERS. A MAXIMUM REGISTRATION OF TEN HOURS IN TWO SEMESTERS IS PERMITTED. HOWEVER, CH. E. 379 TWO HOURS, MAY BE SUBSTITUTED FOR TWO OF THE FIVE HOURS REQUIRED IN CH. E. 290. IN ORDER TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN CH. E. 290.
 *2 TO 6 HOURS
 16154 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CH E 367 INTRODUCTION TO PROCESS CONTROL.
 PREREQUISITE: MATH. 345 OR 343, CH. E. 371.
 3 HOURS OR 3/4 UNIT
 16161 LECT 11 TU TH 199 E C SCHMITZ
 LAB 1-5 W 201 E C

CH E 370 CHEMICAL ENGINEERING THERMODYNAMICS.
 PREREQUISITE: CH. E. 261, CHEM. 342.
 3 HOURS OR 1/2 UNIT
 16179 LECT 11 M W F 115 E C ECKERT

CH E 373 PRINCIPLES OF CHEMICAL ENGINEERING.
 PREREQUISITE: CH. E. 371.
 4 HOURS OR 1 UNIT
 16186 LECT 9 M WTH 115 E C ALKIRE
 QUIZ 9 F 115 E C

CH E 374 UNIT OPERATIONS LABORATORY.
 PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 373.
 3 HOURS OR 1/2 UNIT
 *ONE HOUR TO BE ARRANGED.
 16193 QUIZ B ARR HUDSON
 LAB B *1-6 M 8 E C
 16204 QUIZ C ARR
 LAB C *1-6 TH 8 E C

CH E 379 CHEMICAL ENGINEERING PROJECTS.
 PREREQUISITE: SENIOR STANDING IN CHEMISTRY OR CHEMICAL ENGINEERING.
 2 HOURS OR 1/2 UNIT
 16236 LAB 1-6 M 294 E C QUINN

CH E 380 HEAT, MASS, AND MOMENTUM TRANSPORT.
 PREREQUISITE: MATH. 343 OR 345, CH. E. 371, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 16243 LECT 11 M W F 101 E C HANRATTY

CH E 382 THE PREDICTION OF PHYSICAL PROPERTIES.
 PREREQUISITE: ONE YEAR OF PHYSICAL CHEMISTRY
 2 HOURS OR 1/2 UNIT
 16251 LECT 10 TU TH 199 E C DRICKAMER

COURSES FOR GRADUATES

CH E 465 CHEMICAL ENGINEERING SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS CHEMICAL
 ENGINEERING.
 PREREQUISITE: CH. E. 373.
 1/4 UNIT
 16268 LECT-DISC 4 TU 116 E C WESTWATER

CH E 466 APPLIED MATHEMATICS IN CHEMICAL ENGINEERING.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3/4 OR 1 UNIT
 16275 LECT 10 TU TH 115 E C SCHMITZ

CH E 469 SPECIAL TOPICS IN CHEMICAL ENGINEERING.
 PREREQUISITE: CH. E. 464.
 *THIS COURSE MAY BE REPEATED.
 *3/4 OR 1 UNIT
 16282 LECT 9 TU TH 101 E C QUINN

CH E 499 THESIS RESEARCH.
 0 TO 4 UNITS
 INSTRUCTORS: ALKIRE, DRICKAMER, ECKERT, HANRATTY,
 HUDSON, QUINN, SANI, SCHMITZ, WESTWATER.
 16290 CONF ARR STAFF

CHINESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

CHIN 201 ELEMENTARY CHINESE, I.
 ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
 WEEKLY IN THE LANGUAGE LABORATORY.
 NO CREDIT IS GIVEN TOWARD GRADUATION FOR CHIN. 201 WITHOUT
 CHIN. 202.
 5 HOURS
 16301 LECT-DISC A 1 MTUWTHF 94 COM W CHANG
 16318 LECT-DISC B 1 MTUWTHF 207A H G
 16325 LECT-DISC C 1 MTUWTHF 250 ARMORY

CHIN 203 INTERMEDIATE CHINESE, I.
 PREREQUISITE: CHIN. 202 OR EQUIVALENT.
 5 HOURS
 16332 LECT-DISC 4 MTUWTHF 332 ARMORY MACDONALD &

CHIN 205 TRADITIONAL CHINESE FICTION IN TRANSLATION.
 NO KNOWLEDGE OF CHINESE REQUIRED.
 3 HOURS
 16340 LECT-DISC 10 M W F 300 N L MACDONALD

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CHIN 301 INTENSIVE CHINESE, I.
 10 HOURS OR 2 UNITS
 16357 LECT-DISC 2-4 MTUWTHF 143B M E B CHANG

CHIN 303 ADVANCED CHINESE, I.
 PREREQUISITE: CHIN. 204 OR 302.
 5 HOURS OR 1 UNIT
 16364 LECT-DISC 9 M W F 405 M H WOLFF, CHAN

CHIN 305 ADVANCED READINGS IN MODERN CHINESE, I.
 PREREQUISITE: CHIN. 304 OR EQUIVALENT.
 3 HOURS OR 1 UNIT
 16371 LECT-DISC ARR

CHIN 307 INTRODUCTION TO LITERARY CHINESE
 PREREQUISITE: CHIN. 306.
 3 HOURS OR 1 UNIT
 16389 LECT-DISC 11 M W F 94 COM W EIDE

CHIN 320 READINGS IN CHINESE AND JAPANESE BUDDHIST TEXTS.
 SAME AS JAPAN. 320
 PREREQUISITE: JAPAN. 306 OR CHIN. 306, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 16396 LECT-DISC 1-230 TU TH 148 ARMORY UNNO

CIVIL ENGINEERING

DEPARTMENT OFFICE

203 E H

COURSES FOR UNDERGRADUATES

C E 195 INTRODUCTION TO CIVIL ENGINEERING.
 PREREQUISITE: SOPHOMORE STANDING IN CIVIL ENGINEERING.
 1 HOUR
 16407 CONF H1 4 M 421 E H
 16414 CONF H2 4 M 324 E H
 16421 CONF H3 4 M 420 E H
 16439 CONF H4 4 W 324 E H
 16446 CONF H5 4 W 421 E H
 16453 CONF H6 4 W 420 E H
 16461 CONF P1 11 TU 421 E H
 16478 CONF P2 11 TU 324 E H
 16485 CONF P3 11 TU 423 E H
 16492 CONF P4 11 TH 421 E H
 16503 CONF P5 11 TH 324 E H
 16511 CONF P6 11 TH 423 E H

COURSES FOR ADVANCED UNDERGRADUATES

C E 200 GENERAL SURVEYING.
 FOR STUDENTS IN OTHER DEPARTMENTS.
 PREREQUISITE: G. E. 101, MATH. 114 OR EQUIVALENT.
 *NO CREDIT FOR CIVIL ENGINEERING STUDENTS.
 *3 HOURS
 16528 LAB-DISC E 1-4 M W 309 E H

C E 201 ENGINEERING SURVEYING.
 PREREQUISITE: CREDIT OR REGISTRATION IN BOTH C. S. 101 AND
 MATH. 263.
 4 HOURS
 STUDENTS SHOULD REGISTER FOR THE LECTURE PLUS ONE LAB-DISC PERIOD.
 16535 LECT 3 M W F 100 M M B
 16542 LAB-DISC L1 8-11 TU 104 WOODSHOP
 16550 LAB-DISC S1 2-5 TU 104 WOODSHOP
 16567 LAB-DISC S2 2-5 TH 104 WOODSHOP

C E 202 THEORY OF MEASUREMENT.
 PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 16574 LECT E 1 TU TH 212 WOODSHOP
 LAB-DISC E 2-5 TH 212 WOODSHOP

C E 203 FUNDAMENTALS OF METRICAL PHOTOGRAPHY.
 PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 16581 LECT F 2 M W 212 WOODSHOP
 LAB-DISC F 2-5 F 212 WOODSHOP

C E 205 CONSTRUCTION AND ROUTE SURVEYING.
 PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 16599 LECT E 11 TU TH 104 WOODSHOP
 LAB-DISC E 8-11 TH 104 WOODSHOP

C E	214	PROPERTIES AND BEHAVIOR OF CONCRETE. PREREQUISITE: T. A. M. 223 OR 224 AND JUNIOR STANDING IN ENGINEERING OR ARCHITECTURE. 2 HOURS *SECTION 6P IS AN HONORS SECTION.									
	16600	LECT-DISC	L	8		TH	1215	C E B			
		LAB	L	8-10		TU	1215	C E B			
	16624	LECT-DISC	*6P	11		TU	1215	C E B			
		LAB	*6P	10-12		TH	1215	C E B			
	16617	LECT-DISC	R	1		TU	1215	C E B			
		LAB	R	1-3		TH	1215	C E B			
C E	216	CONSTRUCTION ENGINEERING. PREREQUISITE: C. E. 292, AND CREDIT OR REGISTRATION IN C.S. 101 AND AND C. E. 293. 3 HOURS									
	16631	LECT-DISC	A	8		M W F	320	E H			
	16649	LECT-DISC	E	1		M W F	421	E H			
C E	220	MATERIALS FOR TRANSPORTATION FACILITIES. PREREQUISITE: C. E. 210, AND CREDIT OR REGISTRATION IN C. E. 214. 3 HOURS									
	16656	LECT-DISC	D	11		M W F	200	T L			
	16663	LECT-DISC	F	2		M W F	200	T L			
C E	221	ANALYSIS AND DESIGN OF ROADS. PREREQUISITE: C. E. 210, AND CREDIT OR REGISTRATION IN C. E. 214. 3 HOURS									
	16671	LECT-DISC	B	9		M W F	200	T L			
	16688	LECT-DISC	MN	930-11		TU TH	200	T L			
C E	230	INTRODUCTION TO TRANSPORTATION ENGINEERING. PREREQUISITE: JUNIOR STANDING IN ENGINEERING, ARCHITECTURE OR CITY PLANNING, OR CONSENT OF INSTRUCTOR. 3 HOURS									
	16695	LECT-DISC	A	8		M W F	423	E H			
	16706	LECT-DISC	B	9		M W F	320	E H			
C E	231	INTRODUCTION TO TRANSPORTATION SYSTEMS. PREREQUISITE: C. S. 101, MATH. 263, C. E. 215 AND 230; OR CONSENT OF INSTRUCTOR. 3 HOURS									
	16713	LECT-DISC	E	1		M W F	423	E H			
	16721	LECT-DISC	LM	8-920		TU TH	423	E H			
C E	241	WATER QUALITY AND WATER POLLUTION. PREREQUISITE: T. A. M. 235. 3 HOURS									
	16738	LECT-DISC	A	8		M W F	420	E H			
	16745	LECT-DISC	D	11		M W F	421	E H			
C E	255	INTRODUCTION TO HYDROSYSTEMS ENGINEERING. PREREQUISITE: T. A. M. 235 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN C. E. 292 AND 293 OR EQUIVALENT. 3 HOURS									
	16752	LECT-DISC	B	9		M W F	324	E H			
	16760	LECT-DISC	C	10		M W F	419	E H			
C E	261	FUNDAMENTALS OF STRUCTURAL ENGINEERING. PREREQUISITE: T. A. M. 221. 3 HOURS *SECTION 6F IS AN HONORS SECTION.									
	16777	LECT-DISC	C	10		M W F	420	E H			
	16784	LECT-DISC	E	1		M W F	419	E H			
	16802	LECT-DISC	*6F	2		M W F	423	E H			
	16791	LECT-DISC	LM	8-920		TU TH	421	E H			
C E	262	STRUCTURAL THEORY, II. PREREQUISITE: C. E. 261. 3 HOURS									
	16810	LECT-DISC	D	11		M W F	423	E H			
	16827	LECT-DISC	LM	8-920		TU TH	324	E H			

C E 263 BEHAVIOR AND DESIGN OF METAL STRUCTURES, I.
 PREREQUISITE: T. A. M. 224 AND C. E. 261, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 16834 LECT-DISC A 8 M W F 421 E H
 16841 LECT-DISC C 10 M W F 423 E H

C E 264 REINFORCED CONCRETE DESIGN, I.
 PREREQUISITE: C. E. 214, C. E. 261, T. A. M. 224.
 3 HOURS
 *NOTE: THREE TWO-HOUR DEMONSTRATION LABORATORIES TO BE ARRANGED.
 16859 LECT-DISC B 9 M W F 423 E H
 16866 LECT-DISC G 3 M W F 420 E H
 16873 LECT-DISC ST 230-4 TU TH 421 E H

C E 280 FOUNDATION ENGINEERING.
 PREREQUISITE: T. A. M. 221.
 3 HOURS
 16881 LECT-DISC A 8 M W F B222 C E B
 16898 LECT-DISC C 10 M W F B222 C E B
 16916 LECT-DISC E 1 M W F B222 C E B
 16909 LECT-DISC MN 930-11 TU TH B222 C E B

C E 284 FOUNDATION ENGINEERING.
 PREREQUISITE: C. E. 210.
 3 HOURS
 16923 LECT-DISC C 10 M W F 200 T L
 16931 LECT-DISC F 2 M W F 421 E H
 16948 LECT-DISC MN 930-11 TU TH 421 E H

C E 290 CONTRACTS AND SPECIFICATIONS.
 SAME AS G. E. 290.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.
 *CREDIT IS NOT GIVEN FOR C. E. 290 IN ADDITION TO G. E. 292
 *2 HOURS
 16955 LECT-DISC P 11 TU TH 305 E H
 16962 LECT-DISC T 3 TU TH 305 E H

C E 292 DESIGN AND PLANNING OF CIVIL ENGINEERING SYSTEMS.
 PREREQUISITE: INTEGRAL CALCULUS.
 3 HOURS
 16970 LECT-DISC A 8 M W F 419 E H
 16987 LECT-DISC E 1 M W F 305 E H
 16994 LECT-DISC F 2 M W F 322 E H
 17007 LECT-DISC ST 230-4 TU TH 320 E H

C E 293 STOCHASTIC CONCEPTS IN CIVIL ENGINEERING.
 PREREQUISITE: INTEGRAL CALCULUS.
 3 HOURS
 17014 LECT-DISC A 8 M W F 322 E H
 17021 LECT-DISC C 10 M W F 421 E H
 17039 LECT-DISC G 3 M W F 305 E H
 17046 LECT-DISC RS 1-220 TU TH 421 E H

C E 295 PROFESSIONAL PRACTICE.
 PREREQUISITE: JUNIOR STANDING.
 0 CREDIT
 17053 LECT 4 W 151 E E B

C E 297 SPECIAL PROBLEMS.
 PREREQUISITE: SENIOR STANDING.
 1 TO 4 HOURS
 SECTION D: OTHERS.
 17061 LECT-DISC O1 ARR
 17078 LECT-DISC O2 ARR

STAFF
 STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C E 304 FUNDAMENTALS OF ANALYTICAL PHOTOGRAMMETRY.
 PREREQUISITE: C. E. 203 AND 306 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 17085 LECT-DISC C 10 M W F 212 WOODSHOP

C E 306 ADJUSTMENT OF OBSERVATIONS.
PREREQUISITE: MATH. 315 AND C. E. 202 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
17092 LECT-DISC A 8 M W F 212 WOODSHOP

C E 307 PHOTOGRAMMETRIC ENGINEERING.
PREREQUISITE: C. E. 203 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
17103 LECT-DISC LM 8-10 TU TH S 212 WOODSHOP

C E 314 FUNDAMENTALS OF SYSTEMS APPROACH.
PREREQUISITE: C.E. 215, MATH. 263, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
17111 LECT-DISC G 3 M W F 421 E H

C E 315 CONSTRUCTION PRODUCTIVITY.
PREREQUISITE: C. E. 215, CREDIT OR REGISTRATION IN MATH. 263, OR
EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
17128 LECT-DISC D 11 M W F 420 E H

C E 316 CONSTRUCTION PLANNING.
PREREQUISITE: C. E. 315, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
17135 LECT-DISC ST 230-4 TU TH 423 E H

C E 318 CONSTRUCTION COST ANALYSES AND ESTIMATES.
PREREQUISITE: C. E. 315, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
17142 LECT-DISC RS 1-220 TU TH 419 E H

C E 321 BITUMINOUS MATERIALS AND MIX DESIGN.
PREREQUISITE: C. E. 214, C. E. 220, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT
17150 LECT-DISC E 1 M W 200 T L
LAB E 1-3 F 201 T L

C E 322 DEVELOPMENT OF HIGHWAY FACILITIES.
PREREQUISITE: C. E. 220, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT
17167 LECT-DISC B 9 M W 421 E H
LAB B 3-5 TU TH 309 E H

C E 325 HIGHWAY TRAFFIC CHARACTERISTICS.
PREREQUISITE: C. E. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT
17174 LECT-DISC D 11 M W F 322 E H

C E 333 URBAN AND REGIONAL TRANSPORTATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING, CONSENT OF
INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
17181 LECT-DISC G 3 M W F 423 E H

C E 335 RAILWAY CONSTRUCTION AND MAINTENANCE.
PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR, CREDIT OR
REGISTRATION IN C. E. 230 FOR THOSE WITH A MINOR IN RAILROAD OR
TRANSPORTATION ENGINEERING.
3 HOURS, OR 1/2 OR 1 UNIT
17199 LECT-DISC E 1 M W F 322 E H

C E 337 SIGNALS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR, CREDIT OR
REGISTRATION IN C. E. 230 FOR THOSE WITH A MINOR IN RAILROAD OR
TRANSPORTATION ENGINEERING.
2 HOURS, OR 1/2 OR 1 UNIT
17200 LECT-DISC P 11 TU TH 320 E H

C E 345 ENVIRONMENTAL HEALTH ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF
INSTRUCTOR.
3 HOURS OR 3/4 UNIT
17217 LECT-DISC D 11 M W F 419 E H

C E	346	BIOLOGY OF POLLUTED WATER. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT	17224	LECT-DISC NP	10-12	TU TH	420	E H
C E	351	HYDROMECHANICS. PREREQUISITE: T. A. M. 235 AND C. E. 251. 3 HOURS OR 3/4 UNIT	17231	LECT-DISC G	3	M W F	320	E H
C E	352	WATER RESOURCES DESIGN. PREREQUISITE: T. A. M. 235, C. E. 250. 3 HOURS OR 3/4 UNIT	17249	LECT-DISC C	10	M W F	320	E H
C E	361	ADVANCED STRUCTURAL ANALYSIS. PREREQUISITE: C. E. 262 OR EQUIVALENT. 3 HOURS, OR 3/4 OR 1 UNIT	17256	LECT-DISC F	2	M W F	419	E H
			17263	LECT-DISC MN	930-11	TU TH	320	E H
C E	363	BEHAVIOR AND DESIGN OF METAL STRUCTURES, II. PREREQUISITE: C. E. 263 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	17271	LECT-DISC LM	8-920	TU TH	320	E H
C E	364	REINFORCED CONCRETE DESIGN, II. PREREQUISITE: C. E. 264, CREDIT OR REGISTRATION IN C. E. 262. 3 HOURS, OR 3/4 OR 1 UNIT	17288	LECT-DISC D	11	M W F	320	E H
C E	366	BEHAVIOR OF REINFORCED CONCRETE MEMBERS. PREREQUISITE: FOR UNDERGRADUATES, SENIOR STANDING AND C. E. 264; FOR GRADUATES, B. S. DEGREE IN CIVIL ENGINEERING OR ARCHITECTURE WITH COURSES IN STRUCTURES AND REINFORCED CONCRETE DESIGN. 4 HOURS OR 1 UNIT NOTE: ALTHOUGH OPEN TO ADVANCED UNDERGRADUATES, THIS COURSE SHOULD BE TAKEN BY SUCH STUDENTS ONLY AFTER CONSULTATION WITH THE INSTRUCTOR.	17295	LECT-DISC C	10	M W F	305	E H
C E	368	PRESTRESSED CONCRETE. PREREQUISITE: C. E. 262, 264. 3 HOURS, OR 3/4 OR 1 UNIT	17306	LECT-DISC A	8	M W F	305	E H
C E	369	BEHAVIOR AND DESIGN OF WOOD STRUCTURES. PREREQUISITE: C. E. 261 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	17313	LECT-DISC B	9	M W F	322	E H
C E	374	INTRODUCTION TO STRUCTURAL DYNAMICS. PREREQUISITE: T. A. M. 212; MATH. 345; C. E. 261; OR EQUIVALENT. *CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311. *3 HOURS, OR 3/4 OR 1 UNIT	17321	LECT-DISC G	3	M W F	324	E H
C E	379	APPLIED STRUCTURAL MECHANICS. PREREQUISITE: MATH. 345 AND ONE UNDERGRADUATE COURSE IN STATICALLY INDETERMINATE STRUCTURES; OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	17338	LECT-DISC D	11	M W F	305	E H
C E	383	SOIL MECHANICS. PREREQUISITE: FOR UNDERGRADUATES: C. E. 210, SENIOR STANDING AND CONSENT OF INSTRUCTOR. GRADUATE PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	17345	LECT-DISC E	1	M W F	320	E H
			17352	LECT-DISC ST	230-4	TU TH	419	E H

C E 384 APPLIED SOIL MECHANICS.
 PREREQUISITE: C. E. 383, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 17360 LECT-DISC E 1 M W F 324 E H
 17377 LECT-DISC RS 1-220 TU TH 320 E H

C E 385 ENGINEERING ASPECTS OF SURFICIAL SOILS.
 PREREQUISITE: C. E. 210 OR CONSENT OF INSTRUCTOR.
 FIELD TRIP; ESTIMATED EXPENSE, \$5.00.
 4 HOURS OR 1 UNIT
 17384 LECT-DISC D 11 M W F B215 C E B
 LAB D 8-10 TH B215 C E B

C E 391 COMPUTER METHODS IN CIVIL ENGINEERING.
 PREREQUISITE: C. S. 101 OR EQUIVALENT; SENIOR OR GRADUATE STANDING
 IN CIVIL ENGINEERING; OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 17391 LECT-DISC B 9 M W F 419 E H

COURSES FOR GRADUATES

C E 403 ANALOGUE PHOTOGRAMMETRY, I.
 PREREQUISITE: C. E. 203 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 17402 LECT-DISC B 9 M W F 212 WOODSHOP KARARA

C E 416 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, I.
 SAME AS I. E. 416.
 PREREQUISITE: B.S. IN C. E. OR I. E., CREDIT OR REGISTRATION
 IN MATH. 363, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 17410 LECT-DISC LM 8-920 TU TH 243 M E B

C E 420 PAVEMENT DESIGN, I.
 PREREQUISITE: C. E. 220, OR EQUIVALENT.
 1 UNIT
 17427 LECT-DISC A 8 M W F 324 E H DANNER

C E 422 FUNDAMENTAL PROPERTIES AND BEHAVIOR OF BITUMINOUS MIXTURES.
 PREREQUISITE: C. E. 321 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 17434 LECT-DISC LM 8-920 TU TH 200 T L HERRIN

C E 426 TRAFFIC PLANNING.
 PREREQUISITE: C. E. 325 OR EQUIVALENT.
 1 UNIT
 17441 LECT-DISC C 10 M W F 322 E H BAERWALD

C E 435 RAILWAY CONSTRUCTION AND MAINTENANCE.
 PREREQUISITE: C. E. 335.
 1 UNIT
 17459 LECT-DISC S 2 TU TH 322 E H HAY

C E 440 THEORY OF WATER TREATMENT.
 PREREQUISITE: CHEM. 122, MCBIO. 101.
 1 UNIT
 17466 LECT-DISC LM 8-10 TU TH 420 E H EWING

C E 441 ANALYSIS AND TREATMENT OF WATER AND WASTE WATER.
 PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 440.
 1 UNIT
 17473 LECT-DISC RU 1-5 TU TH 4206 C E B OCONNOR

C E 445 WATER QUALITY AND POLLUTION.
 PREREQUISITE: C. E. 250, C. E. 251, AND MATH. 345.
 1 UNIT
 17481 LECT-DISC E 1 M W F 212 WOODSHOP DICK

C E	448	CONTROL OF AIR POLLUTION. PREREQUISITE: G. E. 360. 1 UNIT								
	17498	LECT-DISC F LAB F	2 2-4	M W F	4108 4108	C E B C E B		STUKEL		
C E	450	ADVANCED HYDROLOGIC ANALYSIS AND DESIGN. PREREQUISITE: B. S. DEGREE IN C. E., OR CONSENT OF INSTRUCTOR. 1 UNIT								
	17509	LECT-DISC B	9	M W F	420	E H		CHOW		
C E	457	GROUND WATER. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT								
	17516	LECT-DISC F	2	M W F	420	E H		CHOW		
C E	461	MATRIX FORMULATION OF STRUCTURAL ANALYSIS. PREREQUISITE: C.E. 361 OR EQUIVALENT. 1 UNIT								
	17523	LECT-DISC F	2	M W F	305	E H		WRIGHT		
C E	465	STRUCTURAL DESIGN IN METALS. PREREQUISITE: B. S. IN ENGINEERING WITH COURSES IN STRUCTURES. 1 UNIT								
	17531	LECT-DISC E	1	M W F	420	E H		GAYLORD		
C E	470	STRUCTURAL SAFETY AND RELIABILITY. PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR. 1 UNIT								
	17546	LECT-DISC C	11	M W F	324	E H		ANG		
C E	471	NUMERICAL AND APPROXIMATE METHODS OF STRUCTURAL ANALYSIS. 1 TO 2 UNITS								
	17555	LECT-DISC RS	1-220	TU TH	305	E H		EUBANKS		
C E	473	ANALYSIS AND DESIGN OF PLATES AND SHELLS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 2 UNITS								
	17562	LECT-DISC ST	230-4	TU TH	324	E H		SCHNOBRICH		
C E	474	DYNAMICS OF FRAMED STRUCTURES. PREREQUISITE: C. E. 361, 374, OR EQUIVALENT. 1 TO 2 UNITS								
	17570	LECT-DISC D	10	M W F	324	E H		AMIN		
C E	475	BEHAVIOR OF STEEL STRUCTURES. PREREQUISITE: GRADUATE STANDING IN C. E. OR T. A. M. 1 UNIT								
	17587	LECT-DISC MN	930-11	TU TH	322	E H		MUNSE		
C E	478	DISCRETE METHODS OF SOLID AND STRUCTURAL MECHANICS. PREREQUISITE: C. E. 379, A. A. E. 326 OR T. A. M. 351 OR EQUIVALENT, AND REGISTRATION IN C. S. 400 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR. 1 UNIT								
	17594	LECT-DISC B	9	M W F	305	E H		ANG-SCHNOBRICH		
C E	481	EARTH DAMS AND RELATED PROBLEMS. PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 384 OR CONSENT OF INSTRUCTOR. 1 UNIT								
	17605	LECT-DISC F	2	M W F	320	E H		PECK		
C E	482	ADVANCED SOIL MECHANICS, I. PREREQUISITE: C. E. 383. 1 UNIT								
	17612	LECT-DISC RS LAB RS	1-220 ARR	TU TH	324	E H		OLSON		

C E 495 CIVIL AND SANITARY ENGINEERING SEMINAR.

*COURSE MAY BE REPEATED FOR CREDIT.

*0 OR 1/4 UNIT

SECTION AG--ADVANCED SANITARY ENGINEERING.

SECTION G--SANITARY, SECTION H--HIGHWAY AND TRAFFIC,

SECTION H--HIGHWAYS AND TRAFFIC.

SECTION P--PHOTOGRAMMETRY AND GEODESY.

SECTION S--STRUCTURES.

SECTION W--HYDRAULICS AND WATER RESOURCES.

17620	CONF	AG	ARR						DICK
17637	CONF	G	3-5	M		419	E H		ENGELBRECHT
17644	CONF	H	4	M		322	E H		DANNER
17651	CONF	P	3-5	TU		212	WOODSHOP		KARARA-WONG
17669	CONF	S	4	TH		305	E H		GAYLORD
17676	CONF	W	10-12	TU		419	E H		CHOW

C E 497 SPECIAL PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 TO 4 UNITS

SECTION E: EARTHQUAKE ENGINEERING.

SECTION M: OCEAN ENGINEERING.

SECTIONS O1, O2, AND O3: OTHERS.

SECTION R1: ROCK MECHANICS I.

*SECTION S: SOIL AND ROCK DYNAMICS.

17683	CONF	E	930-11	TU TH		324	E H		MURTHA
17691	CONF	M	8	M W F		200	T L		MURTHA
17701	CONF	O1	ARR						STAFF
17719	CONF	O2	ARR						STAFF
17726	CONF	O3	ARR						STAFF
17733	CONF	R1	9-12	S	B222	C E B			DEERE
17741	CONF	S	8-920	TU TH		419	E H		HENDRON

C E 499 THESIS RESEARCH.

0 TO 4 UNITS

*SECTION M IS FOR MASTERS DEGREE, SECTION D IS FOR PH.D. DEGREE.

17758	CONF	*M	ARR						STAFF
17765	CONF	*D	ARR						STAFF

CLASSICS

DEPARTMENT OFFICE

361 L H

SEE ALSO GREEK AND LATIN

CLASSICAL CIVILIZATION

NOTE: THE FOLLOWING COURSES PRESUPPOSE NO KNOWLEDGE OF THE GREEK OR LATIN LANGUAGE AND ARE OPEN TO ALL STUDENTS. FOR OTHER COURSES IN THE AREA OF CLASSICAL CIVILIZATION SEE ARCH. 113, ART 301, 302 303, 304, 305, 306, AND 307. HIST. 181, 182, 381, 382, 383, AND 384, AND PHIL. 303, 309, AND 310.

COURSES FOR UNDERGRADUATES

CLCIV 110 INTRODUCTION TO GREEK CULTURE.

2 HOURS

17772	LECT-DISC	A	11	TU TH		238	ADMIN		ALLEN
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CLCIV 111 MYTHOLOGY OF GREECE AND ROME.

2 HOURS

17780	LECT	A	11	TU TH		223	G H		MARBLESTONE
17797	LECT	B	3	TU TH		223	G H		MARBLESTONE

CLCIV 112 GREEK DRAMA IN ENGLISH TRANSLATION.

2 HOURS

17808	LECT-DISC	A	9	TU TH		209	D K H		JACOBSON
17815	LECT-DISC	B	3	TU TH		209	D K H		

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CLCIV 301 GREEK LITERATURE IN TRANSLATION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 17822 LECT-DISC A 9 M W F 430 ARMORY DUNN

CLCIV 361 THE ARCHAEOLOGY OF GREECE.
 PREREQUISITE: A COURSE IN ANCIENT HISTORY, ART, OR LANGUAGE, OR
 CONSENT OF THE INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 17830 LECT-DISC A 3 M W F 362 L H ALLEN

COMMUNICATIONS

DEPARTMENT OFFICE

1207 W OREGON

THE GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY
 IN COMMUNICATIONS IS ADMINISTERED BY AN INTERDISCIPLINARY COMMITTEE
 APPOINTED BY THE DEAN OF THE COLLEGE OF COMMUNICATIONS. STUDENTS
 SEEKING ADMISSION TO THIS PROGRAM SHOULD CONSULT JAMES W. CAREY,
 CHAIRMAN OF THE COMMITTEE.

OF THE COURSES OFFERED THIS SEMESTER, COMM. 471, 490, AND 499 ARE
 IN THE GENERAL CATEGORY, COMM. 307, 344, 444, 462, 468, 470, 473,
 474, 477 AND 481 ARE IN GROUP A, AND COMM. 325, 370, 420, 424, 425
 AND 456 ARE IN GROUP B.

COURSES FOR ADVANCED UNDERGRADUATES

COMM 217 HISTORY OF COMMUNICATIONS.
 SAME AS JOURN. 217.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 17847 LECT-DISC B 9 M W F 215 G H ERICKSON
 17854 LECT-DISC T 3 TU 215 G H KNIGHTS
 T 3-5 TH 215 G H

COMM 220 PROCESSES AND SYSTEMS OF COMMUNICATIONS.
 SAME AS JOURN. 220.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS B1 AND G1 ARE FOR ART-GRAPHIC DESIGN MAJORS ONLY. ALL
 OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. STUDENTS IN THE
 COLLEGE OF COMMUNICATIONS SEE JOURNALISM 220.
 17861 LECT-DISC *B1 10 M W F 113 G H KREILING
 17879 LECT-DISC *B2 10 M W F 113 G H
 17886 LECT-DISC *G1 3 M W F 113 G H CAREY
 17893 LECT-DISC *G2 3 M W F 113 G H

COMM 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
 SAME AS JOURN. 231.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF
 COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2
 AND E2.
 17904 LECT-DISC *D1 11 M W F 123 G H PETERSON
 17911 LECT-DISC *D2 11 M W F 123 G H
 17929 LECT-DISC *E1 1 M W F 123 G H GUBACK
 17936 LECT-DISC *E2 1 M W F 123 G H

COMM 241 LAW AND COMMUNICATIONS.
 SAME AS JOURN. 241.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 17943 LECT-DISC 2 M W F 215 G H ALFELD

COMM 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
 SAME AS JOURN. AND SOC. 251.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 17951 LECT-DISC C 10 M W F 215 G H GUBACK
 17968 LECT-DISC G 1 M W F 215 G H KREILING

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

COMM 307 THE ART OF THE SCREEN: NARRATION.
 SAME AS SPCH. 307.
 PREREQUISITE: TRAINING IN CRITICAL APPROACHES TO LITERATURE, DRAMA,
 ART, OR MUSIC, AND CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 17975 LECT-DISC 3 M W F 430 ARMORY MUELLER
 3-5 F 430 ARMORY

COMM 325 INTRODUCTION TO PSYCHOLINGUISTICS.
 SAME AS LING. 325.
 PREREQUISITE: AN INTRODUCTORY COURSE IN LINGUISTICS OR PSYCHOLOGY,
 AND CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 17982 LECT-DISC 2 M W F 327 G H

COMM 351 ADVANCED SOCIAL PSYCHOLOGY.
 SAME AS PSYCH. 351 AND SOC. 351.
 PREREQUISITE: PSYCH. 201 OR SOC. 201 AND EITHER PSYCH. 235 OR
 SOC. 385 OR A COMPARABLE STATISTICS COURSE.
 3 HOURS, OR 1/2 OR 1 UNIT
 17990 LECT 11 M W F 207 PSYCH BLDG

COMM 352 ATTITUDE THEORY AND MEASUREMENT.
 SAME AS PSYCH. 352 AND SOC. 352.
 PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
 3 HOURS, OR 1/2 OR 1 UNIT
 18002 LECT 9 M W F 207 PSYCH BLDG

COMM 370 LANGUAGE, CULTURE AND SOCIETY.
 SAME AS ANTH. AND LING. 370.
 3 HOURS, OR 1/2 OR 1 UNIT
 18010 LECT-DISC 1 M W F 209A D H

COURSES FOR GRADUATES

COMM 420 SEMINAR IN SEMANTICS.
 SAME AS PHIL. 420.
 PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.
 *MAY BE REPEATED FOR CREDIT.
 *1 UNIT
 TOPIC--REFERRING.
 18027 LECT-DISC 1-3 W 107 G H

COMM 425 PSYCHOLINGUISTICS.
 SAME AS PSYCH. AND LING. 425.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 18034 LECT 9-11 F 21 PSYCH BLDG

COMM 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
 SAME AS PSYCH. 456.
 PREREQUISITE: PSYCH. 351 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 18041 LECT 1-3 M 608 PSYCH BLDG

COMM 462 SEMINAR IN RADIO AND TELEVISION.
 SAME AS R. TV. 462.
 1 UNIT
 18059 LECT-DISC 3-5 M 18 G H

COMM 468	THE POLITICAL ECONOMY OF COMMUNICATIONS. SAME AS JOURN. 468. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	18066	LECT-DISC	10-12	TU	123	G H	GUBACK
COMM 470	COMMUNICATIONS AND POPULAR CULTURE. SAME AS JOURN. 470. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	18073	LECT-DISC	3-5	M	123	G H	KREILING
COMM 471	PRO-SEMINAR IN COMMUNICATIONS, I. SAME AS JOURN. 471. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	18081	LECT-DISC	1-3	TH	123	G H	CAREY
COMM 473	HISTORY AND THEORY OF FREEDOM OF THE PRESS. SAME AS JOURN. 473. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	18098	LECT-DISC	10-12	TH	123	G H	JENSEN
COMM 474	COMMUNICATIONS SYSTEMS. SAME AS JOURN. 474. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	18109	LECT-DISC	3-5	TH	123	G H	SCHILLER
COMM 477	INTERNATIONAL COMMUNICATIONS. SAME AS POL. S. 477 1 UNIT	91985	LECT-DISC	1-3	W	398	L H	
COMM 481	ADVANCED ADVERTISING PRINCIPLES. SAME AS ADV. 481. *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND COMM. 481. *1 UNIT	18116	LECT-DISC	3-5	W	123	G H	WEDDING
COMM 482	RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS. SAME AS ADV. 482. PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS. 1 UNIT	18123	LECT-DISC	1-3	TU	123	G H	
COMM 490	SPECIAL TOPICS IN COMMUNICATIONS. PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY IN COMMUNICATIONS. 1/2 TO 2 UNITS	18131	CONF	ARR				STAFF
COMM 492	RESEARCH METHODS IN COMMUNICATIONS. SAME AS JOURN. 492. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT *ONE ADDITIONAL HOUR TO BE ARRANGED.	18148	LECT-DISC	*3-5	W	18	G H	WIGGINS
COMM 499	THESIS RESEARCH. PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY IN COMMUNICATIONS AND THESIS SUPERVISOR. *STUDENTS MAY ACCUMULATE A TOTAL OF 8 UNITS. *0 TO 4 UNITS	18155	CONF	ARR				STAFF

COMPARATIVE LITERATURE

DEPARTMENT OFFICE

401 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C LIT 359	THE INTERNATIONAL FOLK TALE. SAME AS ENGL. 359. 3 HOURS OR 3/4 UNIT	11	M W F	205	E B	FLANAGAN
	18162 LECT-DISC D					
C LIT 363	INTRODUCTION TO COMPARATIVE LITERATURE, I. SAME AS HUMAN. 363. 3 HOURS OR 3/4 UNIT	11	TU TH	304	L H	B SMALLEY
	18170 LECT-DISC D					
	18187 LECT-DISC F	2	TU TH	304	L H	B SMALLEY
C LIT 394	INTRODUCTION TO FOLKLORE: HISTORY, THEORY, METHODS. SAME AS SPCH. 346 AND ENGL., GER., AND SLAV. 394. PREREQUISITE: A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE RECOMMENDED. 3 HOURS OR 3/4 UNIT	11	M W F	201	E B	GREEN
	18194 LECT-DISC D					
COURSES FOR GRADUATES						
C LIT 401	THEORY OF LITERATURE. PREREQUISITE: READING KNOWLEDGE OF TWO MODERN FOREIGN LANGUAGES, CONSENT OF INSTRUCTOR. 1 UNIT	9	TU TH	370	L H	KNUST
	18205 LECT-DISC					
C LIT 451	SEMINAR IN LITERARY MOVEMENTS. *STUDENTS MAY ACCUMULATE 3 UNITS. *1 UNIT SUBJECT: THE ENLIGHTENMENT.	4-6	W	390	L H	ALDRIDGE
	18212 LECT-DISC					
C LIT 452	STUDIES IN THE ROMANTIC MOVEMENT, I. SAME AS ENGL. 427. 1 UNIT	2	TU TH	194	L H	STILLINGER
	18220 LECT-DISC					
C LIT 453	PROBLEMS IN ROMANTIC LITERATURE. SAME AS ENGL. 476. 1 UNIT	3	M W	329	G H	WILKIE
	18237 LECT-DISC G					
C LIT 454	THE CAROLINGIAN RENAISSANCE. SAME AS LAT. 462. PREREQUISITE: LAT. 360, 361 OR EQUIVALENT. 1 UNIT	3-5	TU TH	362	L H	WALLACH
	91961 LECT-DISC A					
C LIT 461	SEMINAR IN LITERARY FORMS. *STUDENTS MAY ACCUMULATE 3 UNITS. *1 UNIT SECTION C: BIOGRAPHY AS A LITERARY GENRE. SECTION F: THE SYSTEM OF TRAGEDY FROM AESCHYLUS TO SHAKESPEARE.	10-12	TH	110	L H	ALDRIDGE
	18244 LECT-DISC C					
	18251 LECT-DISC F	2-4	TU	130	L H	MONTANO
C LIT 462	SEMINAR IN SPANISH-AMERICAN NOVEL. SAME AS SPAN. 436. PREREQUISITE: SPAN. 433 OR 434. 1 UNIT	10	M W	118	L H	LEAL
	18269 LECT-DISC					

C LIT 471 SEMINAR IN LITERARY RELATIONS.
 *STUDENTS MAY ACCUMULATE THREE UNITS.
 *1 UNIT
 SUBJECT: ANGLO-GERMAN LITERARY CROSS-CURRENTS IN THE EIGHTEENTH
 CENTURY.
 18276 LECT-DISC 4-6 TH 390 L H FREY

C LIT 481 SEMINAR IN LITERARY THEMES AND TYPES.
 *STUDENTS MAY ACCUMULATE THREE UNITS.
 *1 UNIT
 SUBJECT: STUDIES IN THEMATICS WITH SPECIAL REFERENCE TO
 EIGHTEENTH CENTURY AUTHORS (ENGLISH, FRENCH, GERMAN).
 18283 LECT-DISC 4-6 M 390 L H JOST

C LIT 493 SPECIAL STUDIES.
 1/4 TO 1 UNIT
 *SECTION A IS FOR 1 UNIT. SECTION B IS FOR 1/2 UNIT.
 18291 CONF *A ARR
 18301 CONF *B ARR

C LIT 499 THESIS RESEARCH.
 0 TO 4 UNITS
 18319 CONF ARP

COMPUTER SCIENCE

DEPARTMENT OFFICE

252 D C L

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE MATHEMATICS DEPARTMENT UNDER THE CURRICULUM IN SCIENCE AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140 (OR 131, 141), 341, 342, 317, 318 347, 348 (OR 361).

FIRST MINOR: C. S. 121, 201, 287 AND ONE OF COMPUTER SCIENCE 293, 294, 301 OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IN SPECIAL CIRCUMSTANCES WITH THE CONSENT OF THE ADVISOR, OTHER 100-LEVEL BEGINNING COMPUTER SCIENCE COURSES MAY BE SUBSTITUTED FOR COMPUTER SCIENCE 121.

DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: A STUDENT WHO SATISFIES THE FOLLOWING REQUIREMENTS MAY, UPON RECOMMENDATION OF THE DEPARTMENT OF MATHEMATICS AND OF COMPUTER SCIENCE, BE GRADUATED WITH DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE:

1. SATISFY THE LAS COLLEGE REQUIREMENTS FOR GRADUATION.
2. COMPLETE THE MINIMUM REQUIREMENT OF THE MAJOR IN MATHEMATICS AND COMPUTER SCIENCE WITH A GRADE POINT AVERAGE OF AT LEAST 4.25 IN ALL MATHEMATICS AND COMPUTER SCIENCE COURSES.
3. COMPLETE THREE HOURS OF ADDITIONAL COURSES CHOSEN FROM COMPUTER SCIENCE 109, 209, 290, 301, 306, 311, 385, 387, 391, 392, 393, 394, 397.
4. REGISTER HIS CANDIDACY FOR DISTINCTION WITH HIS ADVISOR NO LATER THAN THE END OF HIS JUNIOR YEAR.

COURSES FOR UNDERGRADUATES

C S 101 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING.
 *STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
 C. S. 101, 103, 105, 107, OR 121.

*3 HOURS

GRADUATE STUDENTS DESIRING AN ELEMENTARY KNOWLEDGE OF
 PROGRAMMING SHOULD ENROLL IN COMPUTER SCIENCE 400.
 EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, OCTOBER 27, 1970, AND
 TUESDAY, DECEMBER 8, 1970, AT 7 P.M.

NOTE: IN EACH CASE, THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW
 THE SECOND LECTURE OF THE WEEK.

18326	LECT	B1	9	M W	151	E E B	MONTANELLI
18333	LECT	M1	9	TU TH	151	E E B	KUBITZ
18341	LECT	C1	8	TU TH	151	E E B	KUBITZ
18358	LECT	D1	11	M W	62	K M	MURRELL
18365	LECT	E1	1	M W	151	E E B	MC VAY
18372	QUIZ	E2	1	W	161	E E B	
18380	QUIZ	F1	2	W	161	E E B	
18397	QUIZ	G1	3	W	161	E E B	
18408	QUIZ	H1	4	W	161	E E B	
18415	QUIZ	M2	9	TH	161	E E B	
18422	QUIZ	M3	9	TH	217	M E L	
18430	QUIZ	M4	9	TH	143A	M E B	
18447	QUIZ	N1	10	TH	161	E E B	
18454	QUIZ	N2	10	TH	217	M E L	
18461	QUIZ	N3	10	TH	101	WOODSHOP	
18479	QUIZ	N4	10	TH	57	E E B	
18486	QUIZ	P1	11	TH	161	E E B	
18493	QUIZ	P2	11	TH	217	M E L	
18504	QUIZ	P3	11	TH	101	WOODSHOP	
18511	QUIZ	P4	11	TH	403	M M B	
18529	QUIZ	R1	1	TH	161	E E B	
18536	QUIZ	R2	1	TH	217	M E L	
18543	QUIZ	S1	2	TH	161	E E B	
18551	QUIZ	S2	2	TH	217	M E L	
18568	QUIZ	T1	3	TH	161	E E B	
18575	QUIZ	T2	3	TH	217	M E L	
18582	QUIZ	U1	4	TH	217	M E L	
18590	QUIZ	U2	4	TH	101	WOODSHOP	
18601	QUIZ	A1	8	F	217	M E L	
91939	QUIZ	A2	8	F	143B	M E B	
18618	QUIZ	B2	9	F	161	E E B	
18625	QUIZ	B3	9	F	332	M E B	
18632	QUIZ	B4	9	F	143B	M E B	
18640	QUIZ	C2	10	F	161	E E B	
18657	QUIZ	C3	10	F	332	M E B	
18664	QUIZ	C4	10	F	205	H H	
18671	QUIZ	C6	10	F	118	L H	
18689	QUIZ	D2	11	F	161	E E B	
18696	QUIZ	D3	11	F	217	M E L	
18707	QUIZ	D4	11	F	332	M E B	
18714	QUIZ	D5	11	F	236	M E B	
18721	QUIZ	E3	1	F	161	E E B	
18739	QUIZ	E4	1	F	217	M E L	
18746	QUIZ	E5	1	F	101	WOODSHOP	
18753	QUIZ	E6	1	F	332	M E B	
18761	QUIZ	E7	1	F	443	A H	
18778	QUIZ	F2	2	F	161	E E B	
18785	QUIZ	F3	2	F	217	M E L	
18792	QUIZ	F4	2	F	101	WOODSHOP	
18803	QUIZ	F5	2	F	253	M E B	

C S 103 INTRODUCTION TO SOCIAL AND BEHAVIORAL SCIENCE DIGITAL COMPUTER
 PROGRAMMING.

PREREQUISITE: SOPHOMORE STANDING AND A YEAR OF COLLEGE MATHEMATICS
 OR STATISTICS.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:

C. S. 101, 103, 105, 107, OR 121

*3 HOURS

18811	LECT	D1	11	M W	119	M M B	DICKMAN
18828	QUIZ	E1	1	W	217	M E L	
18835	QUIZ	M1	9	TH	101	WOODSHOP	
18842	QUIZ	S1	2	TH	57	E E B	
18850	QUIZ	D2	11	F	101	WOODSHOP	
18867	QUIZ	E2	1	F	206	M E B	

C S	105	INTRODUCTION TO COMPUTERS AND THEIR APPLICATION TO BUSINESS AND COMMERCE.										
		*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:										
		C. S. 101, 103, 105, 107, OR 121.										
		*3 HOURS										
		EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, OCTOBER 27, 1970, AND TUESDAY, DECEMBER 8, 1970, AT 7 P.M.										
	18874	LECT	D1	11	M	W		314	A	H		BOWDON BEDFORD
	18881	LECT	B1	9	M	W		314	A	H		
	18899	QUIZ	M1	9		TH		57	E	E	B	
	18900	QUIZ	N1	10		TH		59	E	E	B	
	18917	QUIZ	P1	11		TH		57	E	E	B	
	18924	QUIZ	P2	11		TH		130	L	H		
	18931	QUIZ	R1	1		TH		218	CER			
	18949	QUIZ	S1	2		TH		218	CER			
	18956	QUIZ	T1	3		TH		57	E	E	B	
	18963	QUIZ	U1	4		TH		57	E	E	B	
	18971	QUIZ	A1	8		F		240	L	H		
	18988	QUIZ	A2	8		F		9	G	H		
	18995	QUIZ	B2	9		F		110	L	H		
	19008	QUIZ	B3	9		F		305	G	H		
	19015	QUIZ	C1	10		F		205	G	H		
	19022	QUIZ	C2	10		F		9	G	H		
	19030	QUIZ	D3	11		F		152	ADMIN			
	19047	QUIZ	D4	11		F		205	G	H		
	19054	QUIZ	E1	1		F		205	G	H		
	19061	QUIZ	F1	2		F		165	A	H		
C S	107	INTRODUCTION TO DIGITAL COMPUTING FOR SECONDARY SCHOOL TEACHERS.										
		PREREQUISITE: ONE YEAR OF COLLEGE CALCULUS.										
		*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:										
		C. S. 101, 103, 105, 107, OR 121.										
		*3 HOURS										
		NOTE: THIS COURSE OFFERED FALL SEMESTER ONLY.										
	19079	LECT	D1	11	M	W		218	CER			NIEVERGELT
	19086	QUIZ	P1	11		TH		335	M	E	B	
	19093	QUIZ	B1	9		F		141	A	H		
	19104	QUIZ	D2	11		F		118	L	H		
	19111	QUIZ	E1	1		F		108	L	H		
C S	109	HONORS COURSE IN COMPUTER SCIENCE.										
		ENROLLMENT WILL BE STRICTLY LIMITED TO STUDENTS WITH SUPERIOR TALENTS IN COMPUTER SCIENCE.										
		PREREQUISITE: REGISTRATION IN C. S. 101, 103, 105, 107, OR 121.										
		1 HOUR										
	19129	LECT-DISC	E&U1	4		TH		161	E	E	B	KUCK
C S	121	INTRODUCTION TO COMPUTER PROGRAMMING.										
		*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:										
		C. S. 101, 103, 105, 107, OR 121.										
		*4 HOURS										
	19136	LECT	B1	9	M	W		319	G	H		GEAR
	19143	QUIZ	C1	10		W		161	E	E	B	
	19151	QUIZ	F1	2		W						
	19168	QUIZ	M1	9		TH		59	E	E	B	
	19175	QUIZ	P1	11		TH		59	E	E	B	
	19182	QUIZ	A1	8		F		101	WOODSHOP			
	19190	QUIZ	B2	9		F		317A	D	K	H	
C S	199	UNDERGRADUATE OPEN SEMINAR.										
		*MAY BE REPEATED.										
		*0 TO 9 HOURS										
	19201	CONF				ARR						STAFF
COURSES FOR ADVANCED UNDERGRADUATES												
C S	201	MACHINE LANGUAGE AND SYSTEM PROGRAMMING, I.										
		PREREQUISITE: C. S. 101 OR 121, OR CONSENT OF INSTRUCTOR.										
		3 HOURS										
	19218	LECT-DISC	C1	10	M	W	F	100	M	M	B	FRIEDMAN
C S	209	HONORS COURSE IN COMPUTER SCIENCE.										
		PREREQUISITE: C. S. 101 OR 121; REGISTRATION IN C. S. 201 OR 294;										
		CONSENT OF INSTRUCTOR.										
		1 HOUR										
	19225	LECT-DISC	E&A			ARR						FRIEDMAN RAY
	19232	LECT-DISC	E&B			ARR						

C S	287	INTRODUCTION TO NUMERICAL ANALYSIS. SAME AS MATH. 287. PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, OR CONSENT OF INSTRUCTOR. 3 HOURS	19240	LECT-DISC	M1	9-1030	TU TH	305	E H	GILLIES
C S	290	INDIVIDUAL STUDY. PREREQUISITE: C. S. 101 OR 121; C. S. 201 OR 294; OR CONSENT OF INSTRUCTOR. 1 OR 2 HOURS	19257	DISC		ARR				STAFF
C S	293	INTRODUCTION TO COMPUTER HARDWARE. PREREQUISITE: C. S. 101, 103, OR 121; MATH. 142 OR 143; OR CONSENT OF INSTRUCTOR. 3 HOURS	19264	LAB-DISC	B1	9	M W F	19	D K H	POPPELBAUM
C S	294	INTRODUCTION TO THE THEORY OF DIGITAL MACHINES. SAME AS E. E. 294. PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS. 3 HOURS	19271	LECT	N	1030-12	TU TH	253	M E B	RAY

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C S	301	FORMAL THEORY OF LANGUAGES. PREREQUISITE: C. S. 201, AND SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	19289	LECT-DISC	D1	11	M W F	100	M M B	MCCORMICK
C S	365	DIGITAL COMPUTER METHODS FOR STATISTICAL DATA PROCESSING. SAME AS AGRON. 365. PREREQUISITE: C. S. 101, 103, 107, OR 121, AND A COURSE IN STATISTICS OR STATISTICAL METHODS OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	19296	LECT-DISC		11	M W F	W223	T H	CARMER
C S	385	THEORY OF SEMICONDUCTOR COMPUTER DEVICES. SAME AS E. E. 385. PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	19307	LECT-DISC	M1	830-10	TU TH	254	E E B	FAIMAN
C S	387	NUMERICAL ANALYSIS. SAME AS MATH. 387. PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	19314	LECT-DISC	F1	2	M W F	156	ADMIN	PHILLIPS
C S	391	BOOLEAN ALGEBRA AND SWITCHING THEORY. SAME AS E. E. AND MATH. 391. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	19321	LECT-DISC	C1	10	M W F	245	E E B	MUROGA
			19339	LECT-DISC	D1	11	M W F	245	E E B	MULLER
C S	392	INTRODUCTION TO AUTOMATA THEORY. SAME AS E. E. AND MATH. 392. PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	19346	LECT-DISC	N1	1030-12	TU TH	156	ADMIN	HOHN
C S	393	DIGITAL COMPUTER CIRCUIT DESIGN. SAME AS E. E. 393. PREREQUISITE: E. E. 342 AND C. S./E. E. 294 OR 391, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	19353	LECT-DISC	B	9	M W F	217	M E L	MURRELL

C S	394	LOGICAL DESIGN OF AUTOMATIC DIGITAL COMPUTER CIRCUITS. SAME AS E. E. 394. PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	19361	LECT-DISC	C	10	M W F	1438	M E B	ROBERTSON
C S	397	SPECIAL TOPICS IN COMPUTER SCIENCE. PREREQUISITE: CONSENT OF INSTRUCTOR. 2 TO 3 HOURS, OR 1/2 TO 1 UNIT *SECTION A TOPIC: COMPUTER SYSTEM ORGANIZATION. *SECTION B TOPIC: COMBINATORIAL COMPUTING.	19378 19385	LECT-DISC *A LECT-DISC *B		11-1220 130-250	M W TU TH	101 101	WOODSHOP WOODSHOP	KUCK NIEVERGELT

COURSES FOR GRADUATES

C S	400	INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING FOR GRADUATE STUDENTS. 1 HOUR	19392	LECT-DISC	M	9	TU	119	M M B	MONTANELLI
C S	441	COMPUTER SYSTEMS ANALYSIS. PREREQUISITE: MATH. 361 OR 363 OR EQUIVALENT. 1 UNIT	19403	LECT-DISC		ARR				BOWDON
C S	457	ADVANCED NUMERICAL ANALYSIS. SAME AS MATH. 457. PREREQUISITE: C. S. OR MATH. 387 OR CONSENT OF INSTRUCTOR. 1 UNIT	19411	LECT-DISC	C1	10	M W F	217	M E L	SAYLOR
C S	463	INFORMATION THEORY. SAME AS E. E. AND MATH. 463. PREREQUISITE: MATH. 361 OR EQUIVALENT. 1 UNIT	19428	LECT-DISC	D1	11	M W F	145	A H	WOLFOWITZ
C S	465	TOPICS IN AUTOMATA THEORY. SAME AS E. E. AND MATH. 465. PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR. 1 UNIT	19435	LECT-DISC	D1	11	M W F	241	A H	METZE
C S	487	THEORY OF APPROXIMATION. SAME AS MATH. 487. PREREQUISITE: MATH. 318, MATH. 348, OR CONSENT OF INSTRUCTOR. 1 UNIT	19442	LECT-DISC	D1	11	M W F	108	A H	BELFORD
C S	490	INDIVIDUAL STUDY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS	19450	CONF		ARR				STAFF
C S	491	SEMINAR IN COMPUTER SCIENCE. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 1 UNIT *SECTION A TOPIC: COMBINATORIAL MATHEMATICS IN COMPUTER DESIGN. CREDIT--1/2 UNIT. *SECTION B TOPIC: ARCHITECTURE, APPLICATIONS, AND LANGUAGES FOR A PARALLEL COMPUTER. CREDIT--1/2 TO 1 UNIT.	19467 19474	CONF CONF	*A *B	ARR ARR				MUROGA SLOTNICK
C S	499	THESIS RESEARCH. PREREQUISITE: CONSENT OF INSTRUCTOR. 0 TO 4 UNITS *SECTION A IS FOR CANDIDATES FOR A MASTERS DEGREE. *SECTION B IS FOR CANDIDATES FOR A PH.D. DEGREE.	19481 19499	CONF CONF	*A *B	ARR ARR				STAFF STAFF

CZECH
SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CZECH 383 THE STRUCTURE OF MODERN CZECH.
PREREQUISITE: KNOWLEDGE OF ANOTHER SLAVIC LANGUAGE,
PREFERABLY RUSSIAN, OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT
19500 LECT-DISC A 8 M W F 120 COM W STAFF

DAIRY SCIENCE

DEPARTMENT OFFICE 315 A S L

COURSES FOR UNDERGRADUATES

D S 100 INTRODUCTION TO DAIRY PRODUCTION.
3 HOURS
19517 LECT A 9 M 135 A S L KENDALL AND SPAHR
QUIZ A 9 F 130 A S L
LAB A 8-10 W STOCK PAVILION

D S 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., AGRON., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101)
AND ZOOL. 104.
3 HOURS
*FOR VETERINARY MEDICINE STUDENTS ONLY.
19524 LECT 2 M W W109 T H ALEXANDER A
19531 LAB 1 1-3 TU W 13 T H OTHERS
19549 LAB 2 3-5 TU W 13 T H
19556 LAB 3 1-3 TH W 13 T H
19563 LAB *4 3-5 M W 13 T H
19571 LAB *5 2-4 F W 13 T H

COURSES FOR ADVANCED UNDERGRADUATES

D S 205 DAIRY CATTLE MANAGEMENT.
3 HOURS
19588 LECT 11 M W F 316N M H SPAHR

D S 221 ANIMAL NUTRITION.
SAME AS AN. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, OR 133.
4 HOURS
19595 LECT-DISC 10 TWTHTF 135 A S L OWENS, DAVI
AND HATFIELD

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

D S 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT
OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL ARE REQUIRED
PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS, OR 1/2 TO 1 UNIT
SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE
OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
INSTRUCTOR.
19606 CONF A ARR HARSHBARGER
19613 CONF *&B ARR AND STAFF

D S	330	REPRODUCTION AND ARTIFICIAL INSEMINATION OF FARM ANIMALS. SAME AS AN. S. 330. PREREQUISITE: ZOOL. 104 AND EITHER D. S. 100 OR AN. S. 100. 3 HOURS OR 3/4 UNIT									
	19621	LECT		1	TU TH	W109	T H				LODGE AND GRAVES
	19638	LAB	A	2-4	TU	414	A S L				
	19645	LAB	B	2-4	TH	414	A S L				
	19652	LAB	C	10-12	TU	414	A S L				
D S	340	INTRODUCTION TO APPLIED STATISTICS. SAME AS AG. E., AGRON., AN. S., F. S. FOR., HORT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT									
	19660	LECT		9	TU TH	W109	T H				SEIF
	19677	LAB-DISC	1	1-3	TU	W223	T H				
	19684	LAB-DISC	2	3-5	TU	W223	T H				
	19691	LAB-DISC	3	1-3	W	W223	T H				
	19702	LAB-DISC	4	3-5	W	W223	T H				
COURSES FOR GRADUATES											
D S	402	THE MICROBIOLOGY AND PHYSIOLOGY OF RUMINANT NUTRITION. PREREQUISITE: CHEM. 350, 355, OR EQUIVALENT. 3/4 UNIT									
	19710	LECT		11	TU TH	341	A S L				BROWN AND BRYANT
		LAB		ARR			NUTR FLD LAB				
D S	412	ADVANCED ENDOCRINOLOGY. SAME AS AN. S., PHYSL., AND ZOOL. 412. PREREQUISITE: CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 2 UNITS. *1/2 UNIT TOPIC--TO BE ANNOUNCED									
	19727	DISC		730-PM	M	140	BUR HALL				NALBANDOV GORSKI, FOSTER AND JACKSON
D S	415	ADVANCED ANIMAL GENETICS. SAME AS AN. S. 415. PREREQUISITE: AN. S. 305 OR EQUIVALENT. 1 UNIT									
	19734	LECT-DISC		9	M W F	104	AN GEN				TOUCHBERRY
D S	450	DAIRY BACTERIOLOGY. PREREQUISITE: TEN HOURS OF ADVANCED MICROBIOLOGY AND/OR CHEMISTRY, AND CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS									
	19741	LAB		ARR							WOLIN AND BRYANT
D S	490	DAIRY SCIENCE SEMINAR. PREREQUISITE: GRADUATE MAJOR OR MINOR IN DAIRY SCIENCE. 1/2 UNIT									
	19759	LECT-DISC		4	TH	341	A S L				HARSHBARGER
D S	493	SPECIAL PROBLEMS. 1/2 TO 2 UNITS									
	19766	CONF		ARR							HARSHBARGER AND STAFF
D S	499	THESIS RESEARCH. 0 TO 4 UNITS									
	19773	CONF		ARR							HARSHBARGER AND STAFF

DAIRY TECHNOLOGY

OFFICE

104 D M B

COURSES FOR ADVANCED UNDERGRADUATES

D T	211	BACTERIOLOGICAL CONTROL OF DAIRY PLANTS.						
		PREREQUISITE: MCBIO. 100 AND 101.						
		4 HOURS						
	19781	LECT	11	M W F	203 D M B			WITTER
		LAB	1-3	TU TH	558 BEV HALL			

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ALL STUDENTS SPECIALIZING IN DAIRY TECHNOLOGY ARE EXPECTED TO TAKE AN INSPECTION TRIP EITHER IN THE JUNIOR OR SENIOR YEAR. THIS TRIP COSTS THE STUDENT ABOUT \$20.

D T	311	DAIRY PRODUCT PROCESSING, II.						
		PREREQUISITE: D. T. 211 AND 213.						
		4 HOURS OR 1 UNIT						
	19798	LECT	4	M W F	203 D M B			TUCKEY
		LAB	8-11	TU TH	208 D M B			
D T	312	THE CHEMISTRY OF MILK AND MILK PRODUCTS.						
		PREREQUISITE: CHEM. 133 AND EITHER D. T. 213 OR CHEM. 122.						
		3 HOURS OR 3/4 UNIT						
	19809	LECT	10	M W F	203 D M B			WHITNEY

COURSES FOR GRADUATES

D T	401	ADVANCED PRINCIPLES OF DAIRY TECHNOLOGY.						
		PREREQUISITE: CHEM. 350.						
		1 UNIT						
	19816	LECT	8	M W F	203 D M B			HETRICK
		LAB	1-4	W	208 D M B			
D T	404	SEMINAR.						
		PREREQUISITE: GRADUATE STANDING IN DAIRY TECHNOLOGY.						
		*STUDENTS MAY ACCUMULATE ONE-HALF UNIT.						
		*0 TO 1/4 UNIT						
	19823	LECT-DISC	ARR					STAFF
D T	499	THESIS RESEARCH.						
		0 TO 4 UNITS						
	19831	CONF	ARR					STAFF

DANCE

DEPARTMENT OFFICE

162 KRAM CENTER

PROFESSIONAL COURSES FOR UNDERGRADUATES

DANCE 101 BEGINNING MODERN DANCE.

FOR NON-DANCE MAJORS.

*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.

*1 HOUR

19848	LAB	A	9	M W F	10	FREER GYM
19855	LAB	B	10	M W F	10	FREER GYM

DANCE 150 ORIENTATION TO DANCE.

2 HOURS

STUDENTS IN THE TEACHING OF DANCE CURRICULUM ARE REQUIRED TO ENROLL IN SE. ED. 101, DANCE SECTION.

19862	LECT-DISC	P	11	TU TH	DANCE RHRSL KRAM
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DANCE 155 LABNOTATION.

PREREQUISITE: DANCE 168, OR AN ELEMENTARY MUSIC COURSE, OR CONSENT OF INSTRUCTOR.

2 HOURS

19870	LAB-DISC	D	11	TU TH	A ENSEMBLE KRAM
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DANCE 160 BEGINNING TECHNIQUE.

*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

*3 HOURS

19887	LAB	B	915-1045	MTUWTHF	DANCE RHRSL KRAM
19894	LAB	B1	915-1045	MTUWTHF	ARR

DANCE 162 IMPROVISATION, I.

1 HOUR

19905	LAB	D	11	M W F	DANCE RHRSL KRAM
19912	LAB	D1	11	M W F	ARR

DANCE 164 BEGINNING COMPOSITION.

PREREQUISITE: DANCE 163 OR CONSENT OF INSTRUCTOR.

2 HOURS

19920	LAB	F	2-4	M W	10	FREER GYM
19937	LAB	R1	130-330	TU TH	ARR	

DANCE 165 INTERMEDIATE TECHNIQUE.

PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.

*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

*3 HOURS

19944	LAB	X	12-130	MTUWTHF	DANCE RHRSL KRAM
19951	LAB	X1	12-130	MTUWTHF	ARR

DANCE 166 BEGINNING BALLET, I.

PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.

*MAY BE REPEATED ONCE FOR CREDIT.

*1 HOUR

19969	LAB	N1	1045-12	TU TH	10	FREER GYM	APPLEBAUM
19976	LAB	R	1-215	TU TH	10	FREER GYM	APPLEBAUM
19983	LAB	S1	230-345	TU TH	10	FREER GYM	APPLEBAUM

DANCE 168 MUSIC THEORY AND PRACTICE FOR DANCE, I.

2 HOURS

19991	LAB-DISC	G	3	M W F	901 W ILLINOIS	BROSCH
20007	LAB-DISC	H	4	M W F	901 W ILLINOIS	BROSCH

DANCE 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 20014 CONF ARR

PROFESSIONAL COURSES FOR ADVANCED UNDERGRADUATES

DANCE 243 CREATIVE DANCE FOR CHILDREN.
 PREREQUISITE: DANCE 163 AND 165, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 20021 LAB M 9 M W 901 W ILLINOIS
 M 9-12 S 218 E B
 M 9-12 S 26 E B

DANCE 260 ADVANCED TECHNIQUE, I.
 PREREQUISITE: DANCE 165 OR CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
 *3 HOURS
 20039 LAB E1 130-3 MTUWTHF DANCE RHRSL KLAN

DANCE 266 INTERMEDIATE BALLET, I.
 PREREQUISITE: DANCE 166 OR CONSENT OF INSTRUCTOR.
 1 HOUR
 20046 LAB M 915-1030 TU TH 10 FREER GYM APPLEBAUM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

DANCE 340 HISTORY OF DANCE, I.
 3 HOURS, OR 3/4 TO 1 UNIT
 20053 LECT C 10 M W F 901 W ILLINOIS ERLANGER

DANCE 350 DANCE REPERTORY WORKSHOP.
 PREREQUISITE: ENROLLMENT IN ADVANCED TECHNIQUE COURSE AND CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 2 UNITS.
 *2 OR 4 HOURS, OR 1/2 OR 1 UNIT
 20061 LAB G 3 M W F DANCE RHRSL KLAN
 20078 LAB H 4 M W F DANCE RHRSL KLAN

DANCE 351 SPECIAL PROBLEMS.
 PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF 8 HOURS OR 1 UNIT.
 *2 OR 4 HOURS, OR 1/2 OR 1 UNIT
 20085 LAB P 11 TU TH ARR BLOSSOM
 91946 LAB Q 12 TU TH 10 FREER GYM WARD

DANCE 360 ADVANCED TECHNIQUE, II.
 PREREQUISITE: DANCE 260 OR CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 1 UNIT.
 *3 HOURS OR 1/2 UNIT
 20092 LAB E1 130-3 MTUWTHF DANCE RHRSL KLAN

DANCE 365 ADVANCED COMPOSITION.
 PREREQUISITE: DANCE 264 OR CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT
 20103 LAB-DISC T 3-5 TU TH DANCE RHRSL KLAN
 20111 LAB-DISC D 11-1 M W 10 FREER GYM

COURSES FOR GRADUATES

DANCE 400 PROBLEMS IN DANCE EDUCATION.
 PREREQUISITE: DANCE 243 OR 244 OR EQUIVALENT.
 1 UNIT
 20128 LECT-DISC M 9-11 * TU DANCE RHRSL KLAN ERLANGER

DANCE 401 CHOREOGRAPHY.
 PREREQUISITE: DANCE 345 OR EQUIVALENT.
 1/2 TO 2 UNITS
 20135 LAB H 4-6 M W 10 FREER GYM WARD
 20142 LAB U 4-6 TU TH 10 FREER GYM BLOSSOM

DANCE 490	DANCE SEMINAR.			
NO CREDIT				
20150	DISC	ARR	901 W ILLINOIS	ERLANGER

DANCE 499	THESIS RESEARCH.			
1/2 TO 2 UNITS				
20167	CONF	ARR	901 W ILLINOIS	ERLANGER

ECONOMICS

DEPARTMENT OFFICE

330 COM W

MAJOR: TWENTY HOURS IN ECONOMICS, INCLUDING ECON. 108, OR 102 AND 103, 171, 300, AND 301. MATH. 124 AND 134 OR MATH. 132 ARE ALSO REQUIRED BUT ARE NOT ACCEPTABLE TOWARD THE TWENTY-HOUR MAJOR. LIBERAL ARTS MAJORS ARE STRONGLY ADVISED TO ELECT ACCY 201, WHICH IS NOT ACCEPTABLE TOWARD THE MAJOR REQUIREMENT.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, EDUCATION, FINANCE, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY. AN ECONOMICS MAJOR WHO CHOOSES FINANCE AS A MINOR MUST INCLUDE TWELVE HOURS IN A SECOND MINOR. THE CURRICULUM IN LATIN-AMERICAN, ASIAN, OR RUSSIAN AREA STUDIES IS ACCEPTED AS A MINOR.

NOTE: ECON. 102 AND 103 ARE REQUIRED FOR ALL COMMERCE STUDENTS, AND THESE OR 108 ARE REQUIRED FOR ALL LIBERAL ARTS MAJORS IN ECONOMICS. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN ECONOMICS SHOULD TAKE THESE COURSES IN THEIR SOPHOMORE YEAR.

COURSES FOR UNDERGRADUATES

ECON 102 PRINCIPLES OF ECONOMICS, I.

PREREQUISITE: ONE SEMESTER OF COLLEGE WORK.

3 HOURS

*SECTION 6G IS OPEN ONLY TO JAMES SCHOLARS, OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20174	LECT-DISC *6G	3	M W F	140	COM W
STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.					
20181	QUIZ A1	8	F	319	G H
	LECT A1	8	M W	319	G H
20199	QUIZ L1	8	TU TH	40	COM W
	LECT 1	2	M	141	COM W
20200	QUIZ L2	8	TU TH	140	COM W
	LECT 1	2	M	141	COM W
20217	QUIZ M1	9	TU TH	40	COM W
	LECT 1	2	M	141	COM W
20224	QUIZ M2	9	TU TH	140	COM W
	LECT 1	2	M	141	COM W
20231	QUIZ N1	10	TU TH	305	D K H
	LECT 1	2	M	141	COM W
20249	QUIZ N2	10	TU TH	307	D K H
	LECT 1	2	M	141	COM W
20256	QUIZ P1	11	TU TH	305	D K H
	LECT 1	2	M	141	COM W
20263	QUIZ P2	11	TU TH	307	D K H
	LECT 1	2	M	141	COM W
20271	QUIZ X1	12	TU TH	40	COM W
	LECT 1	2	M	141	COM W
20288	QUIZ R1	1	TU TH	40	COM W
	LECT 1	2	M	141	COM W

WELLS

BRANDIS

ECON 103 PRINCIPLES OF ECONOMICS, II.

PREREQUISITE: ECON. 102.

3 HOURS

*SECTION 6A1 IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20295	LECT-DISC	*6A1	8	M	W	F	20	COM	W
20306	LECT-DISC	A2	8	M	W	F	140	COM	W
20313	LECT-DISC	A3	8	M	W	F	111	D	K H
20321	LECT-DISC	B1	9	M	W	F	222	D	K H
20338	LECT-DISC	B2	9	M	W	F	140	COM	W
20345	LECT-DISC	C1	10	M	W	F	119	D	K H
20352	LECT-DISC	C2	10	M	W	F	222	D	K H
20360	LECT-DISC	D1	11	M	W	F	119	D	K H
20377	LECT-DISC	D2	11	M	W	F	222	D	K H
20384	LECT-DISC	X1	12	M	W	F	305	D	K H
20391	LECT-DISC	X2	12	M	W	F	307	D	K H
20402	LECT-DISC	E1	1	M	W	F	305	D	K H
20410	LECT-DISC	E2	1	M	W	F	307	D	K H
20427	LECT-DISC	F1	2	M	W	F	119	D	K H
20434	LECT-DISC	F2	2	M	W	F	222	D	K H
20441	LECT-DISC	G1	3	M	W	F	119	D	K H
20459	LECT-DISC	G2	3	M	W	F	222	D	K H

ECON 108 ELEMENTS OF ECONOMICS.

NOT OPEN TO COMMERCE STUDENTS OR STUDENTS WHO HAVE HAD ECON. 102 AND 103.

PREREQUISITE: FIRST SEMESTER FRESHMAN IN ENGINEERING, SECOND SEMESTER FRESHMAN IN OTHER COLLEGES.

3 HOURS

SECTIONS 6A, AND 6E ARE OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

*SECTION N1 IS FOR THOSE PREPARING TO TEACH IN THE PUBLIC SCHOOLS.

NONE OF THE FOLLOWING LECTURE-DISCUSSIONS HAVE QUIZ SECTIONS.

20815	LECT-DISC	*6A	8	M	W	F	126	COM	W	BECKETT
20822	LECT-DISC	*6E	1	M	W	F	20	COM	W	BECKETT
20830	LECT-DISC	*N1	10-1130	TU	TH		40	COM	W	PADEN
20466	LECT-DISC	2L1	8-930	TU	TH		245	COM	W	SHUPP
20473	LECT-DISC	2M1	9-1030	TU	TH		325	G	H	
20481	LECT-DISC	2N1	10-1130	TU	TH		126	COM	W	
20498	LECT-DISC	2N2	10-1130	TU	TH		111	D	K H	
20509	LECT-DISC	2P1	11-1230	TU	TH		325	G	H	
20516	LECT-DISC	2R1	1-230	TU	TH		222	D	K H	
20523	LECT-DISC	2R2	1-230	TU	TH		245	COM	W	PADEN
20531	LECT-DISC	2S1	1-230	TU	TH		305	D	K H	
20548	LECT-DISC	2S2	2-330	TU	TH		302	ARCH		FERBER

STUDENTS REGISTERING IN LECTURES 1, 3 AND 4 MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

20562	QUIZ	1L1	8	TU			119	D	K H
	LECT	1	2	W	F		141	COM	W
20570	QUIZ	1L2	8	TU			222	D	K H
	LECT	1	2	W	F		141	COM	W
20587	QUIZ	1M1	9	TU			119	D	K H
	LECT	1	2	W	F		141	COM	W
20594	QUIZ	1M2	9	TU			222	D	K H
	LECT	1	2	W	F		141	COM	W
20605	QUIZ	1N1	10	TU			119	D	K H
	LECT	1	2	W	F		141	COM	W
20612	QUIZ	1N2	10	TU			222	D	K H
	LECT	1	2	W	F		141	COM	W
20620	QUIZ	1P1	11	TU			119	D	K H
	LECT	1	2	W	F		141	COM	W
20637	QUIZ	1P2	11	TU			222	D	K H
	LECT	1	2	W	F		141	COM	W
20644	QUIZ	1R1	1	TU			119	D	K H
	LECT	1	2	W	F		141	COM	W
20651	QUIZ	1R2	1	TU			130	COM	W
	LECT	1	2	W	F		141	COM	W
20669	QUIZ	1S1	2	TU			119	D	K H
	LECT	1	2	W	F		141	COM	W
20676	QUIZ	1S2	2	TU			130	COM	W
	LECT	1	2	W	F		141	COM	W
20683	QUIZ	3L1	8	TH			222	D	K H
	LECT	3	3	M	W		141	COM	W
20555	QUIZ	3M1	9	TH			222	D	K H
	LECT	3	3	M	W		141	COM	W
20691	QUIZ	3N1	10	TH			222	D	K H
	LECT	3	3	M	W		141	COM	W

DUE

ECON 108	CONTINUED									
20701	QUIZ	3P1	11		TH	222	D K H			
	LECT	3	3	M	W	141	COM W			
20719	QUIZ	3X1	12		TH	222	D K H			
	LECT	3	3	M	W	141	COM W			
20726	QUIZ	3R1	1		TH	306	D K H			
	LECT	3	3	M	W	141	COM W			
20733	QUIZ	3S1	2		TH	306	D K H			
	LECT	3	3	M	W	141	COM W			
20741	QUIZ	4L1	8		TH	317	D K H			
	LECT	4	8	M	W	103	M H			
20758	QUIZ	4M1	9		TH	317	D K H			PADEN
	LECT	4	8	M	W	103	M H			
20765	QUIZ	4N1	10		TH	317	D K H			
	LECT	4	8	M	W	103	M H			
20772	QUIZ	4P1	11		TH	317	D K H			
	LECT	4	8	M	W	103	M H			
20780	QUIZ	4X1	12		TH	317	D K H			
	LECT	4	8	M	W	103	M H			
20797	QUIZ	4R1	1		TH	325	D K H			
	LECT	4	8	M	W	103	M H			
20808	QUIZ	4S1	2		TH	325	D K H			
	LECT	4	8	M	W	103	M H			

STUDENTS ENROLLED IN ECONOMICS 108 MAY ALSO ENROLL, ON AN OPTIONAL BASIS, IN ONE OF THE CONFERENCE SECTIONS FOR AN ADDITIONAL ONE HOUR OF CREDIT. THESE CONFERENCE SECTIONS WILL BE LIMITED IN ENROLLMENT AND WILL BE STAFFED BY SENIOR FACULTY MEMBERS. EACH SECTION WILL BE DEVOTED TO DISCUSSION OF PARTICULAR CURRENT ECONOMIC PROBLEMS AS NOTED BELOW:

*SECTION F: U. S. FOREIGN INVESTMENT: DEVELOPMENT STIMULUS OR NEO-COLONIALISM.

*SECTION R: COMPARATIVE SYSTEMS.

SECTION T: ECONOMIC DEVELOPMENT WITH EMPHASIS ON TROPICAL AFRICA.

20847	CONF	*F	3		W	11	COM W			
20854	CONF	*R	1		TU	20	COM W			GILLESPIE
20861	CONF	T	3		TH	140	COM W			FERBER DUE

ECON 171 INTRODUCTORY ECONOMIC STATISTICS.

FOR NON-COMMERCE STUDENTS ONLY.

PREREQUISITE: CONCURRENT REGISTRATION IN MATH. 134.

*NOT OPEN FOR CREDIT IN ADDITION TO ECON. 172 AND 173, MATH. 161, OR PSYCH. 135.

*3 HOURS

20879	LECT-DISC	A	8		M W F	222	D K H			
	LAB	A	8		TU	205	D K H			
20886	LECT-DISC	C	10		M W F	305	D K H			
	LAB	C	10		TU	205	D K H			

ECON 172 ECONOMIC STATISTICS, I.

PREREQUISITE: MATH. 134 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN ECON. 102 OR 108.

3 HOURS

*SECTION &E1 IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20893	LECT-DISC	A1	8		M W F	40	COM W			
	LAB	A1	8		TH	205	D K H			
20904	LECT-DISC	A2	8		M W F	130	COM W			
	LAB	A2	8		TH	ARR				
20911	LECT-DISC	A3	8		M W F	307	D K H			RESEK
	LAB	A3	8		TH	ARR				
20929	LECT-DISC	B1	9		M W F	40	COM W			
	LAB	B1	9		TH	ARR				
20936	LECT-DISC	B2	9		M W F	130	COM W			
	LAB	B2	9		TH	ARR				
20943	LECT-DISC	B3	9		M W F	307	D K H			
	LAB	B3	9		TH	ARR				
20951	LECT-DISC	C1	10		M W F	40	COM W			
	LAB	C1	10		TH	ARR				
20968	LECT-DISC	C2	12		M W F	111	D K H			
	LAB	C2	12		TH	ARR				
20975	LECT-DISC	C3	10		M W F	307	D K H			
	LAB	C3	10		TH	ARR				
20982	LECT-DISC	D1	12		M W F	245	COM W			
	LAB	D1	12		TH	ARR				

ECON	172	CONTINUED								
	20990	LECT-DISC	D2	11	M	W	F	40	COM	W
		LAB	D2	11			TH	ARR		
	21002	LECT-DISC	D3	1	M	W	F	222	D	K H
		LAB	D3	1			TH	ARR		
	21010	LECT-DISC	*GE1	1	M	W	F	140	COM	W
		LAB	*GE1	1			TH	ARR		WILSON

ECON 173 ECONOMIC STATISTICS, II.
PREREQUISITE: ECON. 172 OR EQUIVALENT.
3 HOURS

21027	LECT-DISC	A1	8	M	W	F	305	D	K H	YANCEY
	LAB	A1	8			TU	ARR			
21034	LECT-DISC	A2	8	M	W	F	119	D	K H	DUCHAN
	LAB	A2	8			TU	ARR			
21041	LECT-DISC	B1	9	M	W	F	305	D	K H	YANCEY
	LAB	B1	9			TU	ARR			
21059	LECT-DISC	B2	9	M	W	F	119	D	K H	DUCHAN
	LAB	B2	9			TU	ARR			
21066	LECT-DISC	E1	1	M	W	F	40	COM	W	
	LAB	E1	1			TU	ARR			
21073	LECT-DISC	E2	1	M	W	F	111	D	K H	PAPPAS
	LAB	E2	1			TU	ARR			
21081	LECT-DISC	F1	2	M	W	F	40	COM	W	
	LAB	F1	2			TU	ARR			
21098	LECT-DISC	F2	2	M	W	F	111	D	K H	PAPPAS
	LAB	F2	2			TU	ARR			

ECON 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

*SECTION R: ECONOMICS OF TECHNOLOGY.

*SECTION S: THE ECONOMIES OF JAPAN, KOREA AND TAIWAN.

21109	CONF		ARR							STAFF
21116	CONF	*R	1-3	TU		24	COM	W		PARRISH
21123	CONF	*S	2-4	TU		40	COM	W		TAIRA

COURSES FOR ADVANCED UNDERGRADUATES

ECON 214 GOVERNMENT FINANCE AND TAXATION.

PREREQUISITE: ECON. 103, OR 108.

3 HOURS

21131	LECT-DISC	A	8	M	W	F	19	D	K H	WESTON
21148	LECT-DISC	D	11	M	W	F	245	COM	W	DUE

ECON 236 AMERICAN ECONOMIC HISTORY.

PREREQUISITE: JUNIOR STANDING, ECON. 103 OR 108.

3 HOURS

21155	LECT-DISC	B	9	M	W	F	111	D	K H	KEMMERER
21162	LECT-DISC	C	10	M	W	F	111	COM	W	WESTON

ECON 238 EUROPEAN ECONOMIC HISTORY.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

21170	LECT-DISC	E	11	M	W	F	111	D	K H	KEMMERER
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ECON 240 LABOR PROBLEMS.

PREREQUISITE: ECON. 102 AND 103, OR 108.

3 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

21187	LECT	B	9			W	F	141	COM	W	STAFF
21194	QUIZ	N	10			TH		119	D	K H	GLYDE
21205	QUIZ	P	11			TH		119	D	K H	GLYDE
21212	QUIZ	S	2			TH		119	D	K H	GLYDE

ECON 255 COMPARATIVE ECONOMIC SYSTEMS.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

*SECTION GF OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

21220	LECT-DISC	A	9	M	W	F	245	COM	W	FERBER
21237	LECT-DISC	C	10	M	W	F	245	COM	W	FERBER
21244	LECT-DISC	E	1	M	W	F	141	COM	W	MILLAR
21251	LECT-DISC	*GF	2	M	W	F	307	D	K H	SCHRAM

3 HOURS
21269 LECT-DISC G 3 M W F 40 COM W

21276	LECT-DISC	C	9	M	W	F	20	COM W
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21283	LECT-DISC	U	4-530	TU	11	COM W	STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ECON 300 INTERMEDIATE MICRO-ECONOMIC THEORY.

PREREQUISITE: ECON. 103, OR 108.

STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ECON. 200 AND 300.

3 HOURS OR 1/2 UNIT

MATH. 124 AND 134 ARE RECOMMENDED.

21291	LECT-DISC B	9	M W F	126	COM W	GILLESPIE
21301	LECT-DISC C	10	M W F	126	COM W	WEISER
21319	LECT-DISC D	11	M W F	140	COM W	YOUNG
91978	LECT-DISC D1	11	M W F	126	COM W	WEISER
21326	LECT-DISC E	1	M W F	119	D K H	CUMMINGS

ECON 301 INTERMEDIATE MACRO-ECONOMIC THEORY.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS OR 1/2 UNIT

MATH. 124 AND 134 ARE RECOMMENDED.

21333	LECT-DISC	D	11	M	W	F	130	COM	W	PAPPAS
21341	LECT-DISC	X	12	M	W	F	130	COM	W	WELLS
21358	LECT-DISC	E	1	M	W	F	130	COM	W	SPRENKLE
21365	LECT-DISC	E1	1	M	W	F	245	COM	W	HODGMAN
21372	LECT-DISC	F	2	M	W	F	130	COM	W	

ECON 328 INTERNATIONAL ECONOMICS.

PREREQUISITE: ECON. 102 AND 103, OR ECON. 108.

3 HOURS, OR 1/2 OR 1 UNIT

21380	LECT-DISC	D	11	M	W	F	305	D	K	H	GILLESPIE
21397	LECT-DISC	F	2	M	W	F	305	D	K	H	BECKETT

ECON 343 UNIONS, BARGAINING, AND PUBLIC POLICY.

SAME AS L. I. R. 343.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT

21408	LECT-DISC	D	11	M	W	F	307	D	K	H	PARRISH
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ECON 350 THE DEVELOPING ECONOMIES.

PREREQUISITE: ECON. 103 OR 108.

*NOT OPEN FOR GRADUATE CREDIT FOR GRADUATE CANDIDATES IN ECONOMICS.

GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 350 AND

450 OR 451.

*3 HOURS, OR 1/2 OR 1 UNIT

21415	LECT-DISC	C	10	M W F	140	COM W	TAIRA
21422	LECT-DISC	G	3	M W F	111	D K H	CUMMINGS

ECON 352 ECONOMIC DEVELOPMENT IN LATIN AMERICA.

SAME AS AG. EC. 352.

PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

21430	LECT-DISC L	8-10	TU TH	111	D K H	VANDENDRIES
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ECON 357 THE SOVIET ECONOMY.

PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

21447	LECT-DISC	G	3	M	W	F	245	COM W	MILLAR
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ECON	360	REGIONAL ECONOMIC DEVELOPMENT. PREREQUISITE: ECON. 103 OR 108. *STUDENTS RECEIVING GRADUATE CREDIT FOR ECON. 360 MAY NOT RECEIVE CREDIT FOR ECON. 460 OR 461. *3 HOURS, OR 1/2 OR 1 UNIT	21454	LECT-DISC D	10	M W F	130	COM W	WILLIAMSON
ECON	367	MATHEMATICAL ECONOMICS, I. PREREQUISITE: MATH. 143, ECON. 300 AND 301, OR EQUIVALENTS. 3 HOURS, OR 1/2 TO 1 UNIT	21461	LECT-DISC F	2	M W F	20	COM W	YANCEY
ECON	384	ECONOMICS OF TRANSPORTATION. PREREQUISITE: ECON. 103 OR 108. 3 HOURS, OR 1/2 OR 1 UNIT	21479	LECT-DISC G	3	M W F	20	COM W	HARBESON
ECON	389	INDUSTRIAL COMPETITION AND MONOPOLY. PREREQUISITE: ECON. 103 OR 108. 3 HOURS, OR 1/2 OR 1 UNIT	21486	LECT-DISC E	1	M W F	11	COM W	STEINKAMP

COURSES FOR GRADUATES

ECON	400	GENERAL ECONOMIC THEORY. PREREQUISITE--ECON. 103 OR 108. 1 UNIT	21493	LECT-DISC L1	8-10	TU TH	126	COM W	ARNOULD
			21504	LECT-DISC L2	10-12	TU TH	140	COM W	FLANDERS
			21511	LECT-DISC R1	3-5	TU TH	226	COM W	FLANDERS
ECON	401	GENERAL ECONOMIC THEORY. PREREQUISITE: ECON. 103 OR 108. 1 UNIT	21529	LECT-DISC T	3-5	TH	130	COM W	HODGMAN
ECON	402	ECONOMIC THEORY. PREREQUISITE: ECON. 300-301 OR EQUIVALENT; FOR THE MATHEMATICS SECTION, A KNOWLEDGE OF ALGEBRA AND CALCULUS. 1 UNIT *SECTION L IS A NONMATHEMATICAL SECTION AND SECTIONS N AND N1 ARE THE MATHEMATICAL SECTIONS.	21543	LECT-DISC *N	10-12	TU TH	20	COM W	FOLK
			21551	LECT-DISC *N1	10-12	TU TH	130	COM W	STEINKAMP
			21536	LECT-DISC *R	1-3	TU TH	106	D K H	
ECON	406	HISTORY OF ECONOMIC THOUGHT. PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT. 1 UNIT	21568	LECT-DISC E	1-3	F	126	COM W	BRANDIS
ECON	410	PRICE AND DISTRIBUTION THEORY. PREREQUISITE: ECON. 402 AND 470 OR EQUIVALENT. 1 UNIT	21575	LECT-DISC A	8	M	11	COM W	TAKAYAMA
ECON	414	PUBLIC FINANCE. PREREQUISITE: SIX HOURS OF ECONOMICS. 1 UNIT	21582	LECT-DISC G	3-5	F	130	COM W	LEUTHOLD
ECON	420	MONETARY THEORY. PREREQUISITE: A COURSE IN INCOME AND EMPLOYMENT THEORY, OR CONSENT OF INSTRUCTOR. 1 UNIT	21590	LECT-DISC C	10-12	F	11	COM W	SPRENKLE
ECON	428	INTERNATIONAL TRADE THEORY. PREREQUISITE: ECON. 300 OR 301, OR EQUIVALENT. 1 UNIT	21601	LECT-DISC E	1-3	W	126	COM W	YEUNG

ECON	436	AMERICAN ECONOMIC HISTORY. NOT OPEN TO STUDENTS WHO HAVE HAD ECON. 236.	1 UNIT						
	21618	LECT-DISC L		8-10	TU TH	20	COM W	KEMMERER	
ECON	440	LABOR ECONOMICS. SAME AS L. I. R. 440.	1 UNIT						
	21625	LECT-DISC R		1-3	TH	11	COM W	HARTMAN	
ECON	442	COLLECTIVE BARGAINING. SAME AS L. I. R. 442.	1 UNIT						
	21632	LECT-DISC C		10-12	M	43	L I R	WAGNER	
ECON	444	ECONOMICS OF MANPOWER RESOURCES. SAME AS L. I. R. 444.	1 UNIT						
	21640	LECT-DISC G		3-5	M	11	COM W	PARRISH	
ECON	447	LABOR UNION ORGANIZATION AND ADMINISTRATION. SAME AS L. I. R. 447.	1 UNIT						
	21657	LECT-DISC		10-12	W	43	L I R	GARMAN	
ECON	450	THE ECONOMICS OF DEVELOPMENT AND GROWTH. PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT.	1 UNIT						
	21664	LECT-DISC R		1-3	TU	126	COM W	VANDENDRIES	
ECON	455	COMPARATIVE ECONOMIC SYSTEMS. PREREQUISITE: ECON 103 OR 108 OR EQUIVALENT.	1 UNIT						
	21671	LECT-DISC T		3-5	TU	20	COM W	SCHRAM	
ECON	460	LOCATION THEORY. PREREQUISITE: ECON. 300 AND 301, OR EQUIVALENT.	1 UNIT						
	21689	LECT-DISC A		8-10	F	11	COM W	WILLIAMSON	
ECON	467	MATHEMATICAL ECONOMICS, I: STATICS. PREREQUISITE: MATH. 315; ECON. 402-403; OR EQUIVALENT.	1 UNIT						
	21696	LECT-DISC R		1-3	TU TH	111	D K H	SHUPP	
ECON	470	ECONOMIC STATISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR.	1 UNIT						
	21707	LECT-DISC N		10-12	TU TH	245	COM W	YANCEY	
	21714	LECT-DISC R		1-3	TU TH	140	COM W		
ECON	476	ECONOMETRICS, I. PREREQUISITE: MATH. 315 AND 363.	1 UNIT						
	21721	LECT-DISC R		1-3	TU TH	307	D K H	RESEK	
ECON	479	RESEARCH SEMINAR IN QUANTITATIVE ECONOMICS. PREREQUISITE: EQUIVALENT OF ONE YEAR OF GRADUATE STATISTICS (THEORETICAL OR APPLIED) CALCULUS AND THE EQUIVALENT OF ONE YEAR OF MATHEMATICAL ECONOMICS.	1 UNIT						
	21739	LECT-DISC C		10-12	W	11	COM W	JUDGE	

ECON 480 INDUSTRIAL ORGANIZATION.
 PREREQUISITE: GRADUATE STANDING.
 1 UNIT
 21746 LECT-DISC T 3-5 TU 111 D K H ARNOLD

ECON 484 ECONOMICS OF TRANSPORTATION.
 1 UNIT
 21753 LECT-DISC L 1-3 TH 126 COM W HARBESON

ECON 490 INDIVIDUAL STUDY AND RESEARCH.
 1/2 TO 1 UNIT
 21761 CONF 1 2-4 TU 40 COM W TAIRA
 21778 CONF 2 3-5 M 130 COM W SCHRAM
 21785 CONF 3 3-5 TH 166 COM W PARRISH

ECON 499 THESIS RESEARCH.
 0 TO 4 UNITS
 *SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND
 SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES.
 21792 CONF #1 10-12 M 20 COM W FLANDERS
 21803 CONF #2 3-5 TH 245 COM W STAFF

EDUCATION

DEPARTMENT OFFICE

110 EDUCATION

COURSES FOR UNDERGRADUATES

EDUC 100 EDUCATION PRACTICUM.
 4 HOURS
 21811 DISC 1 8-10 M W 125 D K H
 21828 DISC 2 10-12 M W 125 D K H
 21835 DISC 3 10-12 M W 317A D K H
 21842 DISC 4 9-11 TU TH 317A D K H
 21850 DISC 5 9-11 TU TH 328 D K H
 21867 DISC 6 10-12 TU TH 125 D K H
 21874 DISC 7 10-12 TU TH 8 COM W
 21881 DISC 8 11-1 TU TH 389 EDUC

EDUC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 21899 CONF ARR

EDUCATION ADMINISTRATION

DEPARTMENT OFFICE

EDUCATION BUILDING

COURSES FOR GRADUATES

ED AD 430	ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION. INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT						
21900	LECT-DISC	7-9PM	M	1	EDUC	WESTON	
ED AD 438	INSTRUCTIONAL SUPERVISION. PREREQUISITE: EL. ED. OR SE. ED. 439 AND ED. AD. 460. 1 UNIT						
21917	LECT-DISC	4-6	TU	33	EDUC	SERGIOVANNI	
ED AD 440	ADMINISTRATION AND SUPERVISION OF JUNIOR AND SENIOR HIGH SCHOOLS. INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: ED. AD. 460 OR CONSENT OF INSTRUCTOR. 1 UNIT						
21924	LECT-DISC	7-9PM	M	33	EDUC	RAUBINGER	
ED AD 449	INDEPENDENT STUDY. PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. *1/2 OR 1 UNIT						
21931	CONF	ARR				STAFF	
ED AD 460	PUBLIC CONTROL AND ADMINISTRATION OF EDUCATION. NOT OPEN TO EXPERIENCED ADMINISTRATORS OR TO ANY STUDENTS WHO HAVE TAKEN ANY OF THE FOLLOWING COURSES (OR EQUIVALENT): ED. AD. 430, 440, 461, 462, 464, 465, 466. 1 UNIT						
21949	LECT-DISC	7-9PM	TU	162	EDUC	MILLER	
ED AD 461	ADMINISTRATION OF EDUCATIONAL PROGRAMS AND PERSONNEL. PREREQUISITE: ED. AD. 460, AND 430 OR 440. 1 UNIT						
21956	LECT-DISC	5-9	TU	389	EDUC	CARVER AND MCGREAL	
ED AD 464	FIELD PROBLEMS IN EDUCATIONAL ADMINISTRATION. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT *SECTION H IS FOR STUDENTS IN SPECIAL EDUCATION ONLY. *SECTION V IS FOR STUDENTS IN VOCATIONAL AND TECHNICAL EDUCATION ONLY.						
21963	CONF	*H	ARR			STAFF	
21971	CONF	*V	ARR			TOMLINSON	
ED AD 468	SCHOOL-COMMUNITY RELATIONS. 1 UNIT						
21988	LECT-DISC	7-9PM	M	25	EDUC	SUMPTION	
ED AD 469	LEGAL BASIS OF SCHOOL ADMINISTRATION. 1 UNIT						
21995	LECT-DISC	7-9PM	TU	382	EDUC	SUMPTION	
ED AD 470	PRINCIPLES AND RESOURCES FOR SCHOOL PLANT PLANNING. PREREQUISITE: ED. AD. 460. 1 UNIT						
22008	LECT-DISC	7-9PM	W	28	EDUC	BURNHAM	
ED AD 490	SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION FOR THE DEGREES OF PH.D. OR ED. D. 1 TO 2 UNITS						
22015	CONF	ARR				STAFF	

ED AD 491 FIELD STUDY AND THESIS SEMINAR.
 LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
 1 TO 2 UNITS
 22022 CONF ARR

STAFF

ED AD 499 THESIS RESEARCH.
 0 TO 4 UNITS
 22030 CONF

ARR

STAFF

EDUCATIONAL PRACTICE

DEPARTMENT OFFICE

EDUCATION BUILDING

ADMISSION TO EDUCATIONAL PRACTICE (STUDENT TEACHING): ADMISSION TO STUDENT TEACHING IS LIMITED TO THOSE STUDENTS WHO ARE IN GOOD STANDING IN A TEACHER EDUCATION CURRICULUM APPROVED BY THE URBANA-CHAMPAIGN COUNCIL ON TEACHER EDUCATION. APPROXIMATELY ONE YEAR PRIOR TO THE SCHOOL YEAR IN WHICH THEY CAN BE EXPECTED TO ENROLL IN AN EDUCATIONAL PRACTICE COURSE, ELIGIBLE STUDENTS WILL HAVE MAILED TO THEM AN INVITATION TO APPLY FOR A TENTATIVE STUDENT TEACHING ASSIGNMENT IN THE PUBLIC SCHOOLS. THESE APPLICATIONS MUST BE COMPLETED AND PROCESSED PROMPTLY THROUGH THE APPROPRIATE OFFICE OF STUDENT TEACHING. STUDENTS WHOSE APPLICATIONS ARE APPROVED WILL ENROLL FOR THE FOLLOWING SCHOOL YEAR. CANDIDATES FOR UNIVERSITY OF ILLINOIS TEACHER-EDUCATION DEGREES MUST COMPLETE EDUCATIONAL PRACTICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN. EDUCATIONAL PRACTICE IS A PART OF THE PROFESSIONAL SEMESTER AND IS GENERALLY TAKEN DURING EITHER THE FALL OR SPRING SEMESTER OF THE DEGREE CANDIDATE'S SENIOR YEAR.

EDUCATIONAL PRACTICE IS UNDER THE GENERAL SUPERVISION OF THE ILLINOIS TEACHING EXPERIENCES LABORATORY. HOWEVER, THE FOLLOWING SEPARATE OFFICES OF STUDENT TEACHING HAVE DEVELOPED SPECIFIC REQUIREMENTS FOR THEIR STUDENTS:

SECONDARY EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242. PHYS. ED. WOMEN ALSO ENROLL IN ED. PR. 238, SECTION D. MUSIC CANDIDATES ALSO ENROLL IN ED. PR. 238, SECTION V. SPEECH CORRECTION CANDIDATES ENROLL IN ED. PR. 220, SECTION B. STUDENTS WISHING TO ENROLL IN THE LIBRARY SCIENCE SECTION OF ED. PR. 242 AS WELL AS IN THEIR TEACHING MAJOR MUST FILE APPLICATIONS WITH THE HEAD SUPERVISOR OF EACH FIELD.

ELEMENTARY EDUCATION--CANDIDATES ENROLL IN ED. PR. 232, SECTION A.

SPECIAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220. CANDIDATES PURSUING A DEGREE IN THE EDUCATION OF EDUCABLE MENTALLY HANDICAPPED MUST ENROLL IN ED. PR. 220, SECTION C AND IN ED. PR. 232, SECTION B.

VOCATIONAL AND TECHNICAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242 EXCEPT AGRICULTURAL EDUCATION DEGREE CANDIDATES WHO ENROLL IN VOTEC. 276.

COURSES FOR ADVANCED UNDERGRADUATES

ED PR 220 EDUCATIONAL PRACTICE IN THE EDUCATION OF EXCEPTIONAL CHILDREN.
 PREREQUISITE: SENIOR STANDING, CONSENT OF DEPARTMENT.

2 TO 5 HOURS

*SECTION A--MENTALLY RETARDED. 3 HOURS

*SECTION B--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPLETED SP. ED. 324 MUST ENROLL IN IT DURING THEIR STUDENT-TEACHING SEMESTER. 5 HOURS.

*SECTION C--MENTALLY RETARDED. 5 HOURS.

*SECTION E--EMOTIONALLY DISTURBED.

220476	PRACT	*A	ARR
22054	PRACT	*B	ARR
22061	PRACT	*C	ARR
22079	PRACT	*E	ARR

ED PR 232 EDUCATIONAL PRACTICE IN ELEMENTARY EDUCATION.
 PREREQUISITE: EL. ED. 233, EL. ED. 237, AND SENIOR STANDING.
 2 TO 5 HOURS
 *SECTION A IS FOR STUDENTS IN GENERAL ELEMENTARY CURRICULUM.
 5 HOURS
 *SECTION B IS FOR STUDENTS IN EXCEPTIONAL CHILDREN CURRICULA.
 3 HOURS.
 MUST BE TAKEN CONCURRENTLY WITH EL. ED. 230.
 22086 PRACT *A ARR
 22093 PRACT *B ARR

ED PR 238 EDUCATIONAL PRACTICE FOR SPECIAL FIELDS IN ELEMENTARY SCHOOLS.
 PREREQUISITE: FOR STUDENTS IN THE EARLY CHILDHOOD CURRICULUM,
 EL. ED. 334 IS REQUIRED; CONSENT OF INSTRUCTOR.
 3 OR 4 HOURS
 3 HOURS A P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A AND ED. PR. 242, SECTION A.
 3 OR 4 HOURS D P.E. FOR WOMEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION D AND ED. PR. 242, SECTION D.
 4 HOURS K ART REQUIRES REGISTRATION IN ED. PR. 242 SECTION K.
 3 HOURS V MUSIC, REQUIRES REGISTRATION IN SE. ED. 241, SECTION V, AND ED. PR. 242, SECTION V.
 3 HOURS Y LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, AND ED. PR. 242, SECTION 4, OR EL. ED. 333 AND ED. PR. 232.
 22104 PRACT A ARR
 22111 PRACT D ARR
 22129 PRACT K ARR
 22136 PRACT V ARR
 22143 PRACT Y ARR

ED PR 242 EDUCATIONAL PRACTICE IN SECONDARY EDUCATION.

PREREQUISITE: SE. ED. 240 AND SENIOR STANDING.

2 TO 5 HOURS			
2 OR 5 HOURS	A	P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A.	
2 OR 5 HOURS	C	HEALTH EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A.	
3 OR 5 HOURS	D	P. E. FOR WOMEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION D.	
3 OR 5 HOURS	E	EDUCATIONAL MEDIA, REQUIRES REGISTRATION IN SE. ED. 241.	
3 OR 5 HOURS	F	BIOLOGY, REQUIRES REGISTRATION IN SE. ED. 241, SECTION F.	
3 OR 5 HOURS	G	CHEMISTRY, REQUIRES REGISTRATION IN SE. ED. 241, SECTION F.	
3 OR 5 HOURS	H	GENERAL SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS F1 OR F2.	
3 OR 5 HOURS	I	PHYSICS, REQUIRES REGISTRATION IN SE. ED. 241 SECTION F.	
3 OR 5 HOURS	J	SOCIAL STUDIES, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS J1, J2, OR J3.	
3 OR 5 HOURS	K	ART, REQUIRES REGISTRATION IN ED. PR. 238 SECTION K.	
3 OR 5 HOURS	L	ENGLISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS L1, L2, L3, L4, L5 OR L6.	
3 OR 5 HOURS	M	SPEECH, REQUIRES REGISTRATION IN SE. ED. 247.	
3 OR 5 HOURS	N	FPENCH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.	
3 OR 5 HOURS	O	LATIN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.	
3 OR 5 HOURS	P	SPANISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.	
3 OR 5 HOURS	Q	GERMAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.	
5 HOURS	R	HOME ECONOMICS, REQUIRES REGISTRATION IN SE. ED. 241, HOME ECONOMICS SECTION R.	
3 HOURS	S	INDUSTRIAL EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, INDUSTRIAL EDUCATION SECTION S.	
3 OR 5 HOURS	T	MATH, REQUIRES REGISTRATION IN SE. ED. 241, SECTION T.	
3 HOURS	V	MUSIC, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS V1 OR V2.	
5 HOURS	W	BUSINESS EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION W.	
3 OR 5 HOURS	X	RUSSIAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.	
3 OR 5 HOURS	Y	LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241.	
22151	PRACT	A	ARR
22168	PRACT	C	ARR
22175	PRACT	D	ARR
22182	PRACT	E	ARR
22190	PRACT	F	ARR
22201	PRACT	G	ARR
22218	PRACT	H	ARR
22225	PRACT	I	ARR
22232	PRACT	J	ARR
22240	PRACT	K	ARR
22257	PRACT	L	ARR
22264	PRACT	M	ARR
22271	PRACT	N	ARR
22289	PRACT	O	ARR
22296	PRACT	P	ARR
22307	PRACT	Q	ARR
22314	PRACT	R	ARR
22321	PRACT	S	ARR
22339	PRACT	T	ARR
22346	PRACT	V	ARR
22353	PRACT	W	ARR
22361	PRACT	X	ARR
22378	PRACT	Y	ARR

ED PR 250 SCHOOL AND COMMUNITY EXPERIENCES.

2 HOURS

SECT A--P E MEN	SECT J--SOC STUD	SECT R--HOME ECON
B--SPCH CORR	K--ART	S--IND ED
C--HEALTH	L--ENGLISH	T--MATH
D--P E WOMEN	M--SPEECH	V--MUSIC
E--EDUCATIONAL MEDIA	N--FRENCH	W--BUS ED
F--BIOLOGY	O--LATIN	X--RUSS
G--CHEMISTRY	P--SPANISH	Y--LIB SCI
H--GEN SCI	Q--GERMAN	Z--ELEM ED
I--PHYSICS		

22385	PRACT	A	ARR
22392	PRACT	B	ARR
22403	PRACT	C	ARR
22411	PRACT	D	ARR
22428	PRACT	E	ARR
22435	PRACT	F	ARR
22442	PRACT	G	ARR
22450	PRACT	H	ARR
22467	PRACT	I	ARR
22474	PRACT	J	ARR
22481	PRACT	K	ARR
22499	PRACT	L	ARR
22500	PRACT	M	ARR
22517	PRACT	N	ARR
22524	PRACT	O	ARR
22531	PRACT	P	ARR
22549	PRACT	Q	ARR
22556	PRACT	R	ARR
22563	PRACT	S	ARR
22571	PRACT	T	ARR
22588	PRACT	V	ARR
22595	PRACT	W	ARR
22606	PRACT	X	ARR
22613	PRACT	Y	ARR
22621	PRACT	Z	ARR

EDUCATIONAL PSYCHOLOGY

DEPARTMENT OFFICE

EDUCATION BUILDING

COURSES FOR ADVANCED UNDERGRADUATES

EDPSY 211 EDUCATIONAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100.

3 HOURS

*OPEN ONLY TO STUDENTS REGISTERED FOR STUDENT TEACHING. SECTIONS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

EG HONORS SECTION--FOR JAMES SCHOLARS, STUDENTS WHO HAVE RECEIVED CLASS OR UNIVERSITY HONORS, OR STUDENTS WHO HAVE RECEIVED CONSENT OF THE INSTRUCTOR.

STUDENTS ENROLLED IN SECTION A MUST ALSO BE CONCURRENTLY ENROLLED IN SECTION 16 OF HP. ED. 201. THE CONTENT OF THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS WILL UNDERSTAND THE RELATIONSHIP BETWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.

22781	LECT-DISC	A	9-12	TU	21	D K H
22638	LECT-DISC	B	9	M W F	162	EDUC
22645	LECT-DISC	C	10	M W F	162	EDUC
22652	LECT-DISC	D	11	M W F	162	EDUC
22660	LECT-DISC	D1	11	M W F	150	ARMORY
22677	LECT-DISC	E	1	M W F	143	ARMORY
22684	LECT-DISC	F	2	M W F	150	ARMORY
22773	CONF	EG	3	M W F	162	EDUC
22691	LECT-DISC	*A1	8	MTUWTHF	143	ARMORY
22702	LECT-DISC	*B1	9	MTUWTHF	143	ARMORY
22710	LECT-DISC	*B2	9	MTUWTHF	2	EDUC
22727	LECT-DISC	*C1	10	MTUWTHF	150	ARMORY
22734	LECT-DISC	*C2	10	MTUWTHF	143	ARMORY
22741	LECT-DISC	*D2	11	MTUWTHF	143	ARMORY
22759	LECT-DISC	*X	12	MTUWTHF	162	EDUC
22766	LECT-DISC	*E1	1	MTUWTHF	19	D K H

EDPSY 236 CHILD DEVELOPMENT FOR ELEMENTARY TEACHERS.
PREREQUISITE: PSYCH. 100.

3 HOURS									
22798	LECT-DISC A	8	M	W	F	162	EDUC		
22809	LECT-DISC B	9	M	W	F	192	EDUC		
22816	LECT-DISC C	10	M	W	F	1	EDUC		
22823	LECT-DISC D	11	M	W	F	21	D K H		
22831	LECT-DISC E	1	M	W	F	150	ARMORY		
22848	LECT-DISC F	2	M	W	F	19	D K H		
22855	LECT-DISC G	3	M	W	F	150	ARMORY		

EDPSY 249 INDEPENDENT STUDY.

PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.

2 HOURS									
22862	CONF	ARR							

EDPSY 291 THESIS.

PREREQUISITE: SENIOR STANDING

2 HOURS									
22870	CONF	ARR							

EDPSY 292 THESIS.

PREREQUISITE: SENIOR STANDING.

2 HOURS									
22887	CONF	ARR							

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

EDPSY 311 PSYCHOLOGY OF LEARNING FOR TEACHERS.

PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE, AND ED. PSY. 211.

2 HOURS OR 1/2 UNIT

*RECOMMENDED FOR STUDENTS IN CROSS-CULTURAL INTERNATIONAL EDUCATION.

22894	LECT-DISC A	1-3	M			162	EDUC	BLAIR	
22905	LECT-DISC B	1-3	TU			1	EDUC	SIMPSON	
22912	LECT-DISC C	4-6				162	EDUC	LONG	
22920	LECT-DISC D	1-3	W			162	EDUC	JONES	
22951	LECT-DISC *E	4-6	W			162	EDUC		
22937	LECT-DISC F	7-9PM	W			2	EDUC	JONES	
22944	LECT-DISC S	11-1		S		2	EDUC		

EDPSY 312 MENTAL HYGIENE AND THE SCHOOL.

PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE, AND ED. PSY. 211.

2 HOURS OR 1/2 UNIT

22969	LECT-DISC A	4-6	M			162	EDUC	SHOEMAKER	
22976	LECT-DISC B	1-3	TU			166	EDUC	SHOEMAKER	
22983	LECT-DISC C	4-6	W			2	EDUC	JONES	
22991	LECT-DISC D	7-9PM	W			192	EDUC		
23003	LECT-DISC E	1-3		TH		150	ARMORY		
23011	LECT-DISC S	9-11		S		2	EDUC		

EDPSY 313 PROGRAMMED INSTRUCTION.

PREREQUISITE: ED. PSY. 311.

4 HOURS OR 1 UNIT

23028	LECT-DISC	1-3	TU			8	L H		
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EDPSY 326 INTRODUCTION TO VOCATIONAL REHABILITATION COUNSELING.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT

23035	LECT-DISC	1-3	TU			442	M H	MOSES	
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EDPSY 339 CORRECTIVE READING.

SAME AS EL. ED. 339.

PREREQUISITE: EL. ED. 336 OR 338.

3 HOURS OR 1 UNIT

MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.

23042	LECT-DISC U	4-6	TU			10	EDUC		
23050	LECT-DISC H	4-6	W			10	EDUC		
23067	LECT-DISC I	4-6		TH		10	EDUC		

EDPSY 343 INDIVIDUAL INTELLIGENCE TESTING.
 PREREQUISITE: CONSENT OF INSTRUCTOR AND SIX HOURS OF PSYCHOLOGY
 AND SP. ED. 324, OR EDPSY. 392 OR PSYCH. 390.
 3 HOURS OR 1 UNIT
 *LABORATORY HOURS TO BE ARRANGED.

23074	LECT-DISC	A	*8-10	M W	125	E P G B	NEWLAND
23081	LECT-DISC	B	*4-6	TU TH	125	E P G B	MCGUIRE

EDPSY 390 ELEMENTS OF EDUCATIONAL STATISTICS.
 3 HOURS OR 1 UNIT

23099	LECT-DISC	A	1-3	M W	125	D K H	
23100	LECT-DISC	B	4-6	M W	166	EDUC	
23117	LECT-DISC	C	1-3	TU TH	2	EDUC	

EDPSY 391 CONSTRUCTION AND USE OF TESTS IN TEACHING.
 PREREQUISITE: ED. PSY. 211 OR 236.
 4 HOURS OR 1 UNIT

23124	LECT-DISC		4-6	TH	162	EDUC	GRONLUND
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EDPSY 392 INTRODUCTION TO THE PRINCIPLES OF MEASUREMENT.
 PREREQUISITE: ED. PSY. 211 OR 236.
 4 HOURS OR 1 UNIT
 *FOR STUDENTS IN COUNSELING.

23149	LECT-DISC	*A	1-3	M W	389	EDUC	KACZKOWSKI
23131	LECT-DISC	B	1-3	TU	192	EDUC	GRONLUND

COURSES FOR GRADUATES

EDPSY 411 PSYCHOLOGY OF ADOLESCENCE FOR TEACHERS.
 PREREQUISITE: ED. PSY. 311 AND 312.
 1 UNIT

23156	LECT-DISC	A	4-6	W	1	EDUC	WEST
23163	LECT-DISC	B	1-3	TH	166	EDUC	BLAIR

EDPSY 412 ADVANCED CHILD DEVELOPMENT FOR STUDENTS OF EDUCATION.
 PREREQUISITE: ED. PSY. 311 AND 312.
 1 UNIT

23171	LECT-DISC	A	1-3	M	1	EDUC	COHEN
23188	LECT-DISC	B	7-9PM	W	382	EDUC	GOULET

EDPSY 413 SOCIAL PSYCHOLOGY AND THE PROBLEMS OF EDUCATION.
 PREREQUISITE: ED. PSY. 311, 312 AND 390.
 1 UNIT

23195	LECT-DISC		1-3	W	1	EDUC	SIMPSON
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EDPSY 414 THE PSYCHOLOGY OF COLLEGE TEACHING.
 PREREQUISITE: A COURSE IN PSYCHOLOGY, CONSENT OF INSTRUCTOR.
 1 UNIT

23206	LECT-DISC		1-3	F	1	EDUC	SIMPSON
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EDPSY 415 PSYCHOLOGICAL THEORIES APPLIED TO EDUCATION.
 PREREQUISITE: ED. PSY. 311 AND 312, 411 OR 412, CANDIDACY
 FOR ED. D. OR PH. D. IN EDUCATION.
 1 UNIT

23213	LECT-DISC	A	1-3	TU	385	EDUC	BLAIR
23221	LECT-DISC	B	1-3	TH	385	EDUC	

EDPSY 422 BASIC PRINCIPLES OF COUNSELING.
 PREREQUISITE: ED. PSY. 311 AND 312.
 1 UNIT

23238	LECT-DISC		1-5	W	36	COM W	MASUCCI ZACCARIA
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EDPSY 424 SUPERVISED PRACTICE IN COUNSELING.
 PREREQUISITE: MASTERS DEGREE IN GUIDANCE AND
 CONSENT OF FACULTY COMMITTEE.
 2 UNITS
 *LAB HOURS TO BE ARRANGED.

23252	CONF	*A	9-11	M	385	EDUC	DELANEY
23260	CONF	*B	10-12	M	6	COM W	MOSES
23277	CONF	*C	10-12	TU	385	EDUC	PATTERSON
23245	CONF	D	ARR				MCGUIRE

EDPSY 425 PRINCIPLES OF GUIDANCE.
 *CREDIT IS NOT GIVEN IN BOTH ED. PSY. 325 AND 425.
 *1 UNIT

23284	LECT-DISC	A	7-9PM	W	166	EDUC	ZACCARIA
23291	LECT-DISC	B	1-3	TH	162	EDUC	KACZKOWSKI

EDPSY 427 PRINCIPLES AND TECHNIQUES OF GROUP GUIDANCE.
 PREREQUISITE: ED. PSY. 311, 312, 422, 423, AND EITHER 325 OR 425,
 OR CONSENT OF INSTRUCTOR.
 1 UNIT

23302	LECT-DISC	A	1-3	TU	6	COM W	
	LAB	A	4-6	TU	6	COM W	
23310	LECT-DISC	B	1-3	TH	6	COM W	MASUCCI
	LAB	B	4-6	TH	6	COM W	

EDPSY 428 THE ANALYSIS AND USE OF OCCUPATIONAL INFORMATION IN GUIDANCE
 PROGRAMS.
 PREREQUISITE: ED. PSY. 425 OR AN INTRODUCTORY COURSE IN COUNSELING.
 1 UNIT

23327	LECT-DISC		1-3	TH	1	EDUC	ZACCARIA
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EDPSY 429 FIELD INSTRUCTION IN COUNSELING.
 PREREQUISITE: ED. PSY. 422 AND 424 (WITH CONSENT OF INSTRUCTOR,
 REGISTRATION IN ED. PSY. 424 MAY BE CONCURRENT).
 1 OR 2 UNITS

23334	PRACT		ARR				STAFF
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EDPSY 447 SEMINAR IN REHABILITATION COUNSELING.
 PREREQUISITE: ED. PSY. 326 AND 422.
 *MAY BE REPEATED FOR A MAXIMUM OF ONE UNIT.
 *1/2 UNIT

23341	LECT-DISC		1-3	TH	28	COM W	MOSES
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EDPSY 449 INDEPENDENT STUDY.
 PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
 DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
 *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
 *1/2 OR 1 UNIT

23359	CONF	A1	ARR				ALEAMONTI
23366	CONF	A2	ARR				R ANDERSON
23373	CONF	B	ARR				BECKER
23381	CONF	B1	ARR				BLAIR
23398	CONF	C	ARR				CHADBOURN
23409	CONF	C1	ARR				COHEN
23416	CONF	D	ARR				J DANIELS
23423	CONF	D1	ARR				DELANEY
23431	CONF	D2	ARR				DENNY
23448	CONF	G	ARR				GOULET
23455	CONF	G1	ARR				GRONLUND
23462	CONF	H	ARR				HASTINGS
23470	CONF	I	ARR				ISAACS
23487	CONF	J	ARR				R JONES
23494	CONF	K	ARR				KACZKOWSKI
23505	CONF	L	ARR				LONG
23512	CONF	M	ARR				MAEHR
23520	CONF	M1	ARR				MASUCCI
23537	CONF	M2	ARR				D MCGUIRE
23544	CONF	M3	ARR				MOSES
23551	CONF	N	ARR				NEWLAND
23569	CONF	P	ARR				PATTERSON
23576	CONF	P1	ARR				D PHILLIPS
23583	CONF	P2	ARR				J PHILLIPS
23591	CONF	S	ARR				SHOEMAKER
23601	CONF	S1	ARR				R SIMPSON
23619	CONF	S2	ARR				SPENCER
23626	CONF	S3	ARR				STAKE
23633	CONF	S4	ARR				STALLINGS
23641	CONF	T	ARR				TATSOOKA
23658	CONF	W	ARR				WARDROP
23665	CONF	W1	ARR				WEST
23672	CONF	W2	ARR				ZACCARIA
23680	CONF	W3	ARR				STAFF
23697	CONF	X	ARR				MED STAFF

EDPSY 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.									
OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION									
FOR THE DEGREES OF PH.D. OR ED.D.									
0 TO 2 UNITS									
23708	LECT-DISC	A	ARR						PATTERSON
23715	LECT-DISC	B	ARR						PATTERSON
23722	LECT-DISC	C	ARR						PHILLIPS J
23730	LECT-DISC	D	ARR						DELANEY
23747	LECT-DISC	E	ARR						LONG
23754	LECT-DISC	F	10-12	TH	242	EDUC			
23761	LECT-DISC	G	ARR						
23779	LECT-DISC	H	ARR						GOULET
EDPSY 491 FIELD STUDY AND THESIS SEMINAR.									
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.									
1 TO 2 UNITS									
23786	CONF		ARR						STAFF
EDPSY 496 STATISTICAL METHODS IN EDUCATION.									
PREREQUISITE: ED. PSY. 390.									
1 UNIT									
*LABORATORY HOURS TO BE ARRANGED.									
23793	LECT-DISC	A	*1-3	M W	166	EDUC			
23804	LECT-DISC	B	*1-3	TU TH	389	EDUC			
EDPSY 498 THEORY OF EDUCATIONAL EVALUATION.									
PREREQUISITE: ED. PSY. 496.									
1 UNIT									
23811	LECT-DISC		1-3	F	162	EDUC			
EDPSY 499 THESIS RESEARCH.									
0 TO 4 UNITS									
23829	CONF	A	ARR						ALEAMONI
23836	CONF	A1	ARR						R ANDERSON
23843	CONF	B	ARR						BECKER
23851	CONF	B1	ARR						BLAIR
23868	CONF	C	ARR						CHADBOURN
23875	CONF	C1	ARR						COHEN
23882	CONF	D	ARR						J DANIEL
23890	CONF	D1	ARR						DELANEY
23901	CONF	D2	ARR						DENNY
23918	CONF	G	ARR						GOULET
23925	CONF	G1	ARR						GRONLUND
23932	CONF	H	ARR						HASTINGS
23940	CONF	I	ARR						ISAACS
23957	CONF	J	ARR						JONE S
23964	CONF	K	ARR						KACZKOWSKI
23971	CONF	L	ARR						LONG
23989	CONF	M	ARR						MAEHR
23996	CONF	M1	ARR						MASUCCI
24009	CONF	M2	ARR						D MCGUIRE
24016	CONF	M3	ARR						MOSES
24023	CONF	N	ARR						NEWLAND
24031	CONF	P	ARR						PATTERSON
24048	CONF	P1	ARR						D PHILLIPS
24055	CONF	P2	ARR						J PHILLIPS
24062	CONF	S	ARR						SHOEMAKER
24070	CONF	S1	ARR						R SIMPSON
24087	CONF	S2	ARR						STAKE
24094	CONF	S3	ARR						STALLINGS
24105	CONF	T	ARR						TATSUOKA
24112	CONF	W	ARR						WARDROP
24120	CONF	W1	ARR						WEST
24137	CONF	W2	ARR						ZACCARIA
24144	CONF	W3	ARR						STAFF
24151	CONF	X	ARR						MED STAFF

ELECTRICAL ENGINEERING

DEPARTMENT OFFICE

155 E E B

COURSES FOR UNDERGRADUATES

- E E 114 WIRING AND ILLUMINATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*ENGINEERING STUDENTS RECEIVE NO CREDIT.
*3 HOURS
24169 LECT C 10 M W F 151 E E B
- E E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
24176 LECT N ARR

COURSES FOR ADVANCED UNDERGRADUATES

- E E 220 BASIC ELECTRICAL ENGINEERING.
PREREQUISITE: PHYCS. 106 AND 107, AND MATH 143.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260. ELECTRICAL
ENGINEERING STUDENTS RECEIVE NO CREDIT.
*3 HOURS
24183 DISC M1 9-1020 TU TH 169 E E B
24191 DISC B2 9 M W F 59 E E B
24201 DISC P1 1030-12 TU TH 169 E E B
24219 DISC D1 11 M W F 57 E E B
24226 DISC D2 11 M W F 59 E E B
24233 DISC X1 12 M W F 260 E E B
24241 DISC E1 1 M W F 59 E E B
24258 DISC S1 2-320 TU TH 59 E E B
24265 DISC H1 4 M W F 162 E E B
24272 DISC H2 4 M W F 57 E E B
- E E 229 INTRODUCTION TO ELECTROMAGNETIC FIELDS.
PREREQUISITE: PHYCS. 107 AND MATH. 345.
3 HOURS
*SECTION &D IS AN HONORS SECTION.
24280 DISC A1 8 M W F 269 E E B
24297 DISC B1 9 M W F 260 E E B
24308 DISC D1 11 M W F 260 E E B
24315 DISC E1 1 M W F 250 E E B
24322 DISC E2 1 M W F 57 E E B
24330 DISC F1 2 M W F 269 E E B
24347 DISC G1 3 M W F 260 E E B
24354 DISC H1 4 M W F 170 E E B
24361 DISC *&D 8 M W F 162 E E B
- E E 230 APPLICATION AND CONTROL OF MOTORS AND EQUIPMENT.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS
24379 DISC L1 8 TU TH 57 E E B
24386 DISC L2 8 TU TH 59 E E B
24393 DISC R1 1 TU TH 59 E E B
- E E 231 POWER EQUIPMENT LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 230.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR
STUDENTS MUST REGISTER IN LECTURE AND ANY ONE LAB.
24404 LECT A 9 TH 269 E E B
24411 LAB M 9-11 TU 50E E E B
24429 LAB N 12-2 TU 50E E E B
24436 LAB O 3-5 TU 50E E E B
24443 LAB P 9-11 TH 50E E E B
24451 LAB Q 12-2 TH 50E E E B
24468 LAB R 8-10 S 50E E E B

KLOCK

E E 232 ELECTRONICS AND ELECTRONICS APPLICATIONS.
 PREREQUISITE: E. E. 220.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *2 HOURS

24475	DISC	L1	8	TU TH	169	E E B
24482	DISC	L2	8	TU TH	141	E E B
24490	DISC	R1	1	TU TH	57	E E B
24501	DISC	R2	1	TU TH	169	E E B

E E 233 ELECTRONICS LABORATORY.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 232.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *1 HOUR

24518	LAB	M	9-12	TU	236	E E B
24525	LAB	N	2-5	TU	236	E E B
24532	LAB	O	9-12	TH	236	E E B
24540	LAB	P	2-5	TH	236	E E B
24557	LAB	Q	8-11	S	236	E E B

E E 234 ELECTRICAL INSTRUMENTS AND MEASUREMENTS.
 PREREQUISITE: E. E. 220.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *2 HOURS

24564	DISC	L1	8	TU TH	170	E E B
24571	DISC	L2	8	TU TH	260	E E B
24589	DISC	R1	1	TU TH	170	E E B

E E 235 ELECTRICAL MEASUREMENT LABORATORY.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 234.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *1 HOUR

24596	LAB	M	9-12	TU	50J	E E B
24607	LAB	N	2-5	TU	50J	E E B
24614	LAB	O	9-12	TH	50J	E E B
24621	LAB	P	8-11	S	50J	E E B

E E 246 PROJECT LABORATORY.
 PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING AND
 CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS
 *SECTION P IS INTEGRATED CIRCUIT PROJECTS FOR 2 HOURS CREDIT.

24639	CONF	K	ARR			
24646	CONF	*P	3-5	TU	50M	E E B

ERNST

E E 251 ELECTRICAL ENGINEERING LABORATORY, I.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 220 OR 260.
 1 HOUR
 STUDENTS MUST REGISTER IN LECTURE AND IN ANY ONE LAB.

24653	LECT	A	9	TU	269	E E B
24661	LAB	M	10-12	TU	50H	E E B
24678	LAB	N	12-2	TU	50H	E E B
24685	LAB	O	2-4	TU	50H	E E B
24692	LAB	P	4-6	TU	50H	E E B
24703	LAB	Q	8-10	TH	50H	E E B
24711	LAB	R	10-12	TH	50H	E E B
24728	LAB	S	12-2	TH	50H	E E B
24735	LAB	T	2-4	TH	50H	E E B

E E 260 NETWORKS, I.
 PREREQUISITE: PHYS. 107; CREDIT OR REGISTRATION IN C. S. 101,
 E. E. 251, AND MATH. 345.
 *CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260.
 *3 HOURS

24742	DISC	A1	8	M W F	169	E E B
24750	DISC	B1	9	M W F	141	E E B
24767	DISC	B2	9	M W F	250	E E B
24774	DISC	D1	11	M W F	250	E E B
24781	DISC	G1	3	M W F	170	E E B
24799	DISC	G2	3	M W F	250	E E B

E E 262 NETWORKS, II.
PREREQUISITE: E. E. 260, MATH. 345, AND C. S. 101.
3 HOURS
*SECTION 6C IS AN HONORS SECTION.

24800	DISC	A1	8	M W F	250	E E B	
24817	DISC	B1	9	M W F	170	E E B	
24824	DISC	C1	10	M W F	169	E E B	
24831	DISC	X1	12	M W F	250	E E B	
24849	DISC	X2	12	M W F	59	E E B	
24856	DISC	F1	2	M W F	250	E E B	
24863	DISC	H1	4	M W F	257	E E B	
24888	DISC	*6C	10	M W F	250	E E B	
24871	DISC	P1	1030-12	TU TH	141	E E B	

E E 271 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS
*SECTION 6B IS ELECTROMECHANICAL FORCES AND MOTION FOR 3 HOURS CREDIT.
*SECTION E1 IS MUSICAL ACOUSTICS AND ELECTRONIC MUSIC FOR 2 HOURS CREDIT.
*SECTION M2 IS ULTRASONIC TECHNIQUES FOR 3 HOURS CREDIT.
*SECTION N1 IS ANTENNAS AND ANTENNA SYSTEMS FOR 3 HOURS CREDIT.
*SECTION T1 IS FOR RESOURCES FOR ELECTRICAL ENGINEERING FOR 1 HOUR CREDIT.

24895	DISC	*6B	8	M W F	59	E E B	TURNBULL
24906	DISC	*E1	1	M F	102	S H	BEAUCHAMP
24938	DISC	M2	9-1020	TU TH	260	E E B	DUNN & O'BR
24913	DISC	*N1	8-920	TU TH	162	E E B	MAST
24921	DISC	*T1	3	TU	169	E E B	NEAL

E E 272 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS

24945	CONF	K1	ARR				
24952	CONF	K2	ARR				

E E 288 ECONOMIC ASPECTS OF ENGINEERING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS

24960	DISC	C1	10	M W F	170	E E B	
24977	DISC	F1	2	M W F	170	E E B	
24984	DISC	G1	3	M W F	141	E E B	
24991	DISC	H1	4	M W F	59	E E B	

E E 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
SAME AS C. S. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
3 HOURS

25004	LECT	N	1030-12	TU TH	253	M E B	RAY
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E E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS

25011	CONF	6K1	ARR				
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E E 297 HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS
*SECTION 6P1 AND 6P2 ARE ELECTRONIC INSTRUMENTATION FOR 2 HOURS CREDIT.
*SECTION 6R1 IS COMPUTER-GUIDED EXPERIMENTATION FOR 2 HOURS CREDIT.

25029	DISC	*6P1	2	TU TH	170	E E B	BABCOCK
	LAB	*6P1	8-10	TU	50M	E E B	
25036	DISC	*6P2	2	TU TH	170	E E B	BABCOCK
	LAB	*6P2	10-12	TU	50M	E E B	
25043	DISC	*6R1	3-5	TH	169	E E B	NEAL

E E 299 THESIS.
0 TO 3 HOURS
25051 CONF K1 ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

E E 310 SYSTEMS, I.
PREREQUISITE: E. E. 262.
3 HOURS, OR 0 TO 3/4 UNIT
25068 DISC B1 9 M W F 169 E E B
25075 DISC D1 11 M W F 169 E E B
25082 DISC X1 12 M W F 169 E E B
25090 DISC E1 1 M W F 141 E E B
25101 DISC H1 4 M W F 169 E E B
25118 DISC H2 4 M W F 269 E E B

E E 323 CIRCUIT LABORATORY.
PREREQUISITE: E. E. 251 AND 262; CREDIT OR REGISTRATION IN
E. E. 350.
1 HOUR, OR 0 OR 1/4 UNIT
25125 LAB M 9-12 TU 132 E E B
25132 LAB N 12-3 TU 132 E E B
25140 LAB O 3-6 TU 132 E E B
25157 LAB P 9-12 TH 132 E E B
25164 LAB Q 12-3 TH 132 E E B
25171 LAB R 3-6 TH 132 E E B
25189 LAB S 9-12 S 132 E E B

E E 324 INTRODUCTION TO NETWORK SYNTHESIS.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 310.
3 HOURS, OR 0 TO 1 UNIT
25196 DISC D1 11 M W F 170 E E B

E E 330 MAGNETIC CIRCUITS AND TRANSFORMERS.
PREREQUISITE: E. E. 229 AND 262.
3 HOURS, OR 0 OR 3/4 UNIT
*SECTION 8B IS AN HONORS SECTION.
25207 DISC A1 8 M W F 57 E E B
25261 DISC *8B 8 M W F 59 E E B
25214 DISC C1 10 M W F 57 E E B
25221 DISC X1 12 M W F 57 E E B
25239 DISC X2 12 M W F 162 E E B
25246 DISC F1 2 M W F 57 E E B
25253 DISC G1 3 M W F 57 E E B

TURNBULL

E E 331 MAGNETIC CIRCUITS AND TRANSFORMER LABORATORY.
PREREQUISITE: E. E. 251; CREDIT OR REGISTRATION IN E. E. 330.
1 HOUR, OR 0 OR 1/4 UNIT
25278 LAB M 9-12 TU 50K E E B
25285 LAB N 12-3 TU 50K E E B
25292 LAB O 3-6 TU 50K E E B
25303 LAB P 9-12 TH 50K E E B
25311 LAB Q 12-3 TH 50K E E B
25328 LAB R 3-6 TH 50K E E B
25335 LAB S 9-12 S 50K E E B

E E 332 ELECTRICAL MACHINERY.
PREREQUISITE: E. E. 330 AND 331, CREDIT OR REGISTRATION IN E. E.
333.
3 HOURS, OR 0 OR 3/4 UNIT
25342 DISC E1 1 M W F 162 E E B

E E 333 ELECTRICAL MACHINERY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 332.
1 HOUR, OR 0 OR 1/4 UNIT
25350 LAB M 9-12 TH 50F E E B
25367 LAB N 12-3 TH 50F E E B

E E 336 ADVANCED ANALYSIS OF ELECTRIC POWER EQUIPMENT.
PREREQUISITE: E. E. 330 AND 331.
4 HOURS, OR 0 OR 1 UNIT
25374 DISC C1 10 M W F 162 E E B

E E	340	ELECTRONICS, I.									
		PREREQUISITE: PHYSCS. 108 AND E. E. 260.									
		3 HOURS, OR 0 OR 3/4 UNIT									
		*SECTION 6D IS AN HONORS SECTION.									
	25381	DISC	A1	8	M	W	F	257	E	E	B
	25399	DISC	C1	10	M	W	F	257	E	E	B
	25400	DISC	D1	11	M	W	F	141	E	E	B
	25417	DISC	X1	12	M	W	F	170	E	E	B
	25424	DISC	X2	12	M	W	F	141	E	E	B
	25431	DISC	F1	2	M	W	F	169	E	E	B
	25449	DISC	G1	3	M	W	F	169	E	E	B
	25456	DISC	H1	4	M	W	F	141	E	E	B
	25463	DISC	*6D	11	M	W	F	162	E	E	B
STREETMAN											
E E	341	ELECTRONICS EXPERIMENTATION.									
		PREREQUISITE: E. E. 251, CREDIT OR REGISTRATION IN E. E. 340.									
		1 HOUR, OR 0 OR 1/4 UNIT									
		STUDENTS MUST REGISTER IN ONE LECTURE AND IN ANY ONE LAB.									
	25471	LECT	A	8	TU			269	E	E	B
	25488	LECT	B	1	TU			269	E	E	B
	25495	LAB	L	4-6	W			235	E	E	B
	25506	LAB	M	2-4	M			235	E	E	B
	25513	LAB	N	8-10	TU			235	E	E	B
	25521	LAB	O	10-12	TU			235	E	E	B
	25538	LAB	P	12-2	TU			235	E	E	B
	25545	LAB	Q	2-4	TU			235	E	E	B
	25552	LAB	R	4-6	TU			235	E	E	B
	25560	LAB	S	8-10	TH			235	E	E	B
	25577	LAB	T	10-12	TH			235	E	E	B
	25584	LAB	U	12-2	TH			235	E	E	B
	25591	LAB	V	2-4	TH			235	E	E	B
	25602	LAB	W	4-6	TH			235	E	E	B
	25610	LAB	X	8-10	S			235	E	E	B
	25627	LAB	Y	10-12	S			235	E	E	B
	25634	LAB	Z	4-6	F			235	E	E	B
E E	342	ADVANCED ELECTRONICS.									
		PREREQUISITE: E. E. 262, 340, AND 341.									
		3 HOURS, OR 0 OR 3/4 UNIT									
	25641	DISC	A1	8	M	W	F	254	E	E	B
	25659	DISC	C1	10	M	W	F	254	E	E	B
	25666	DISC	D1	11	M	W	F	269	E	E	B
	25673	DISC	X1	12	M	W	F	254	E	E	B
	25681	DISC	F1	2	M	W	F	254	E	E	B
	25698	DISC	H1	4	M	W	F	250	E	E	B
E E	343	ELECTRONICS LABORATORY									
		PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.									
		1 HOUR, OR 0 OR 1/4 UNIT									
	25709	DISC	M	3-6	M			238	E	E	B
	25716	DISC	N	9-12	TU			238	E	E	B
	25723	DISC	O	12-3	TU			238	E	E	B
	25731	DISC	P	3-6	TU			238	E	E	B
	25748	DISC	W	3-6	W			238	E	E	B
	25755	DISC	R	9-12	TH			238	E	E	B
	25762	DISC	S	12-3	TH			238	E	E	B
	25770	DISC	T	3-6	TH			238	E	E	B
	25787	DISC	U	9-12	S			238	E	E	B
E E	344	THEORY AND FABRICATION OF SOLID STATE DEVICES.									
		PREREQUISITE: E. E. 340.									
		4 HOURS OR 1 UNIT									
		STUDENTS MUST REGISTER IN ONE DISC AND ONE LAB.									
		*STUDENTS SELECTING LAB F2 MUST REGISTER IN DISC A1.									
		*STUDENTS SELECTING LAB F3 MUST REGISTER IN DISC E1.									
		STUDENTS SELECTING LABS F1, B1 OR B2 MAY SELECT EITHER DISC A1 OR E1.									
	25794	DISC	A1	8	M	W	F	170	E	E	B
	25805	DISC	E1	1	M	W	F	170	E	E	B
	25812	LAB	F1	2-5	M			133	E	E	B
	25820	LAB	B1	9-12	TU			133	E	E	B
	25844	LAB	*F2	2-5	TU			133	E	E	B
	25837	LAB	B2	9-12	TH			133	E	E	B
	25851	LAB	*F3	2-5	TH			133	E	E	B

E E 347 INDUSTRIAL ELECTRONICS.
 PREREQUISITE: E. E. 330 AND 342.
 *CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.
 *4 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN THE DISCUSSION AND IN ONE LAB.

25869	DISC	G1	3	M	W	F	162	E	E	B
25876	LAB	M	8-11		TH		50N	E	E	B
25883	LAB	N	12-3		TH		50N	E	E	B

E E 349 NONLINEAR ELECTRONIC CIRCUITS.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
 3 HOURS, OR 3/4 OR 1 UNIT

25891	DISC	B1	9	M	W	F	162	E	E	B
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E E 350 LINES, FIELDS, AND WAVES.
 PREREQUISITE: E. E. 229 AND 262.
 3 HOURS OR 3/4 UNIT

25901	DISC	B1	9	M	W	F	254	E	E	B
25919	DISC	D1	11	M	W	F	254	E	E	B
25926	DISC	E1	1	M	W	F	254	E	E	B
25933	DISC	E2	1	M	W	F	269	E	E	B
25941	DISC	G1	3	M	W	F	254	E	E	B
25958	DISC	H1	4	M	W	F	254	E	E	B

E E 352 ELECTROMAGNETIC FIELDS.
 PREREQUISITE: E. E. 350.
 3 HOURS OR 3/4 UNIT
 *SECTION &P IS AN HONORS SECTION.

25965	DISC	B1	9	M	W	F	257	E	E	B
25972	DISC	D1	11	M	W	F	257	E	E	B
25980	DISC	X1	12	M	W	F	257	E	E	B
25997	DISC	E1	1	M	W	F	257	E	E	B
26000	DISC	F1	2	M	W	F	257	E	E	B
26017	DISC	G1	3		TU	TH	257	E	E	B
26024	DISC	*G&P	2		TU	TH	260	E	E	B
		*G&P	2-5	M			251	E	E	B

E E 353 RADIO CIRCUITS.
 PREREQUISITE: E. E. 341; CREDIT OR REGISTRATION IN E. E. 310.
 4 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.

26031	DISC	C1	10	M	W	F	260	E	E	B
26049	DISC	F1	2	M	W	F	260	E	E	B
26056	LAB	M	3-6	M			246	E	E	B
26063	LAB	N	9-12		TU		246	E	E	B
26071	LAB	O	2-5		TU		246	E	E	B
26088	LAB	P	9-12			TH	246	E	E	B
26095	LAB	Q	1-4			TH	246	E	E	B
26106	LAB	R	9-12			S	246	E	E	B

E E 356 MICRO WAVE TECHNIQUES.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 352 OR 355.
 1 HOUR, OR 0 OR 1/4 UNIT

26113	LAB	M	9-12		TU		251	E	E	B
26121	LAB	N	2-5		TU		251	E	E	B
26138	LAB	O	2-5		W		251	E	E	B
26145	LAB	P	9-12			TH	251	E	E	B

E E 357 RADIO ASTRONOMY.
 SAME AS ASTR. 357.
 PREREQUISITE: PHYS. 108.
 3 HOURS OR 1 UNIT

26152	LECT		10	M	W	F	160	M	E	B
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E E 359 INTRODUCTION TO NOISE AND INFORMATION TRANSMISSION.
 PREREQUISITE: E. E. 310.
 3 HOURS, OR 3/4 OR 1 UNIT

26160	DISC	C1	9-1020		TU	TH	141	E	E	B
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E E 367 ACTIVE NETWORKS.
 PREREQUISITE: E. E. 342.
 3 HOURS OR 3/4 UNIT

26177	DISC	E1	1	M	W	F	169	E	E	B
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DYSON
 DYSON

SWENSON

E E 376 SYMMETRICAL COMPONENT ANALYSIS OF POWER SYSTEMS.
 PREREQUISITE: E. E. 350.
 3 HOURS, OR 0 OR 1 UNIT
 26184 DISC F1 2 M W F 162 E E B

E E 381 PULSE TECHNIQUES.
 PREREQUISITE: E. E. 342.
 *CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.
 *4 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
 26191 DISC C1 10 M W F 269 E E B
 26202 LAB M 9-12 TU 234 E E B
 26210 LAB N 12-3 TU 234 E E B
 26227 LAB O 9-12 TH 234 E E B
 26234 LAB P 1-4 TH 234 E E B

E E 382 TRANSISTOR CIRCUITS.
 PREREQUISITE: E. E. 340, 342 AND 343, CREDIT OR REGISTRATION IN
 E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
 26241 DISC B1 9 M W F 269 E E B
 26259 DISC G1 3 M W F 269 E E B
 26266 LAB M 9-12 TU 241 E E B
 26273 LAB N 2-5 TU 241 E E B

E E 383 TRANSISTOR CIRCUITS.
 PREREQUISITE: E. E. 342 AND 343, CREDIT OR REGISTRATION IN
 E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 26281 DISC B1 9 M W F 269 E E B
 26298 DISC G1 3 M W F 269 E E B

E E 384 PROPERTIES OF SOLIDS.
 SAME AS MET. E. 384.
 PREREQUISITE: PHYCS. 383
 3 HOURS OR 3/4 UNIT
 *SECTION &B IS AN HONORS SECTION.
 26309 LECT-DISC A 8 M W F 403 M M B
 26316 LECT-DISC B 9 M W F 119 M M B
 26323 LECT-DISC C 11 M W F 151 E E B
 26331 LECT-DISC *&B 9 M W F 57 E E B GADDY

E E 385 THEORY OF SEMICONDUCTOR COMPUTER DEVICES.
 SAME AS C. S. 385.
 PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING,
 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 26348 LECT-DISC M1 830-10 TU TH 254 E E B FAIMAN

E E 386 FUNDAMENTALS OF SERVOMECHANISMS.
 PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING, OR
 CONSENT OF INSTRUCTOR.
 4 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
 26355 DISC E1 1 M W F 260 E E B
 26362 DISC H1 4 M W F 260 E E B
 26370 LAB M 9-12 TU 233 E E B
 26387 LAB N 12-3 TU 233 E E B
 26394 LAB O 3-6 TU 233 E E B
 26405 LAB P 9-12 TH 233 E E B

E E 387 INTRODUCTION TO QUANTUM ELECTRONICS FOR ELECTRICAL ENGINEERS.
 PREREQUISITE: PHYCS. 383.
 3 HOURS OR 1 UNIT
 26412 DISC A1 8 M W F 260 E E B

E E 389 COMMUNICATION DESIGN.
 PREREQUISITE: E. E. 342 AND E. E. 350.
 3 HOURS, OR 0 OR 3/4 UNIT
 26420 DISC C1 10 M W F 141 E E B
 26437 DISC F1 2 M W F 141 E E B

E E	391	BOOLEAN ALGEBRA AND SWITCHING THEORY.										
		SAME AS C. S. AND MATH 391.										
		PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.										
		3 HOURS, OR 1/2 OR 1 UNIT										
	26444	LECT-DISC	C1	10	M	W	F	245	E	E	B	MUROGA
	26451	LECT-DISC	D1	11	M	W	F	245	E	E	B	MULLER
E E	392	INTRODUCTION TO AUTOMATA THEORY.										
		SAME AS C. S. AND MATH. 392.										
		PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.										
		3 HOURS, OR 1/2 OR 1 UNIT										
	26469	LECT-DISC	N1	1030-12	TU	TH		156	ADMIN			HOHN
E E	393	DIGITAL COMPUTER CIRCUIT DESIGN.										
		SAME AS C. S. 393.										
		PREREQUISITE: E. E. 342 AND C. S./E. E. 294 OR 391, OR CONSENT OF INSTRUCTOR.										
		3 HOURS OR 1 UNIT										
	26476	LECT-DISC	B	9	M	W	F	217	M	E	L	MURRELL
E E	394	LOGICAL DESIGN OF AUTOMATIC DIGITAL COMPUTER CIRCUITS.										
		SAME AS C. S. 394.										
		PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR.										
		3 HOURS OR 1 UNIT										
	26483	LECT-DISC	C	10	M	W	F	143B	M	E	B	ROBERTSON
E E	397	PROJECTS AND LECTURES IN QUANTUM ELECTRONICS.										
		PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR;										
		RECOMMENDED E. E. 387.										
		3 HOURS, OR 0 TO 1 UNIT										
	26491	DISC	K	ARR								
COURSES FOR GRADUATES												
E E	400	SEMINAR.										
		REQUIRED OF ALL GRADUATE STUDENTS.										
		0 CREDIT										
	26501	LECT	U	4		TH		151	E	E	B	
E E	412	ADVANCED ENGINEERING MEASUREMENTS.										
		1 UNIT										
	26519	DISC	K1	ARR								PEIRCE
E E	415	CONTROL SYSTEM THEORY AND DESIGN.										
		PREREQUISITE: E. E. 386 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.										
		1 UNIT										
	26526	DISC	C	10	M	W	F	335	E	E	B	PERKINS
E E	416	ANALYSIS OF NETWORKS AND SYSTEMS.										
		PREREQUISITE: E. E. 322, CREDIT OR REGISTRATION IN MATH. 346 OR 348.										
		1 UNIT										
	26533	DISC	A	8	M	W	F	141	E	E	B	FETT
	26541	DISC	G	3	M	W	F	59	E	E	B	HADDAD
E E	418	ELECTRIC AND MAGNETIC FIELDS.										
		1 UNIT										
	26558	DISC	A	8	M	W	F	335	E	E	B	EMERY
E E	420	ELECTROMAGNETIC WAVES AND RADIATING SYSTEMS.										
		PREREQUISITE: E. E. 352.										
		1 UNIT										
	26565	DISC	B	9	M	W	F	335	E	E	B	MAYES
	26572	DISC	X	12	M	W	F	269	E	E	B	LO
E E	423	GASEOUS ELECTRONICS AND PLASMAS.										
		PREREQUISITE: PHYCS. 362 AND E. E. 420 OR EQUIVALENT.										
		1 UNIT										
	26580	DISC	G	3	M	W	F	335	E	E	B	VERDEYEN & CHERRINGTON

E E	428	ANALYSIS OF NONLINEAR SYSTEMS. SAME AS T.A.M. 428.								
		PREREQUISITE: MATH. 341 AND CONSENT OF INSTRUCTOR.								
		1 UNIT								
	26597	LECT-DISC	B	9	M W F	302C	T L			WORLEY
E E	431	THEORY OF GUIDED WAVES.								
		PREREQUISITE: E.E. 420.								
		1 UNIT								
	26608	DISC	N	1030-12	TU TH	335	E E B			KLOCK
E E	432	COMPOUND SEMICONDUCTORS (OPTICAL DEVICES).								
		PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING WITH SOME BACKGROUND IN MODERN PHYSICS, ELEMENTARY QUANTUM MECHANICS, AND ELEMENTARY SEMICONDUCTOR THEORY (OR EQUIVALENT).								
		1 UNIT								
	26615	DISC	L	8-920	TU TH	257	E E B			HOLONYAK
E E	435	THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.								
		SAME AS PHYCS. 435.								
		PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS.								
		1 UNIT								
	26622	DISC	R	1-230	TU TH	335	E E B			SAH
E E	440	ADVANCED POWER CIRCUIT ANALYSIS, I.								
		1 UNIT								
	26630	DISC	K	ARR						HELM
E E	451	ADVANCED NETWORK SYNTHESIS.								
		PREREQUISITE: E. E. 324 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN MATH. 346.								
		1 UNIT								
	26647	DISC	E	1	M W F	335	E E B			TRICK
E E	454	SAMPLED-DATA CONTROL SYSTEMS.								
		PREREQUISITE: E. E. 386 OR 415 OR EQUIVALENT.								
		1 UNIT								
	26654	DISC	D	11	M W F	335	E E B			KUO
E E	463	INFORMATION THEORY.								
		SAME AS C. S. AND MATH. 463.								
		PREREQUISITE: MATH. 361 OR EQUIVALENT.								
		1 UNIT								
	26661	LECT-DISC	D1	11	M W F	145	A H			WOLFOVITZ
E E	465	TOPICS IN AUTOMATA THEORY.								
		SAME AS C. S. AND MATH. 465.								
		PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.								
		1 UNIT								
	26679	LECT-DISC	D1	11	M W F	241	A H			METZE
E E	472	QUANTUM ELECTRONICS.								
		PREREQUISITE: PHYCS. 381.								
		1 UNIT								
	26686	DISC	F	2	M W F	59	E E B			COLEMAN
E E	475	IONOSPHERIC RADIO PROPAGATION.								
		PREREQUISITE: E. E. 420 OR EQUIVALENT.								
		1 UNIT								
	26693	DISC	C	10	M W F	59	E E B			LIU

E E 490 SEMINAR IN SPECIAL TOPICS.
 PREREQUISITE: ADVANCED STANDING AND CONSENT OF INSTRUCTOR.
 0 TO 1/2 UNIT
 SECTION A IS AERONOMY.
 SECTION B IS ANTENNAS.
 SECTION C IS BIOLOGICAL COMPUTERS.
 SECTION D IS BIOACOUSTICS.
 SECTION E IS CHARGED PARTICLES.
 SECTION F IS OPTICAL ELECTRONICS.
 SECTION G IS ELECTRO-PHYSICS.
 SECTION H IS GASEOUS ELECTRONICS AND PLASMAS.
 SECTION I IS IONOSPHERICS.
 SECTION J IS RADIO ASTRONOMY.
 SECTION K IS SEMICONDUCTORS AND SOLID STATE DEVICES.
 SECTION L IS INFORMATION SCIENCE.
 SECTION M IS COGNATIVE MEMORY.
 SECTION N IS CONTROL AND OPTIMIZATION.
 SECTION O IS SPEECH PROCESSING.
 SECTION P IS RADIOLOCATION.
 SECTION Q IS CONTROL SYSTEMS.

26704	LECT	A	4	TU	269	E E B	SECHRIST
26711	LECT	B	ARR				DESCHAMPS AND MITTRA
26729	LECT	C	ARR				VONFOERSTER
26736	LECT	D	ARR				DUNN AND FRY
26743	LECT	E	ARR				HENDRICKS
26751	LECT	F	ARR				GADDY AND HOLSHOWER
26768	LECT	G	ARR				COLEMAN
26775	LECT	H	ARR				GOLDSTEIN AND VERDEYEN
26782	LECT	I	ARR				YEH
26790	LECT	J	ARR				SWENSON
26801	LECT	K	ARR				BARDEEN SAH AND HOLONYAK
26818	LECT	L	4	TU	4122	C S L	CHIEN
26825	LECT	M	ARR				CHIEN AND VON FOERSTER
26832	LECT	N	ARR				KOKOTOVIC
26840	LECT	O	ARR				BABCOCK
26857	LECT	P	ARR				BAILEY
26864	LECT	Q	ARR				KUO

E E 497 ELECTRICAL ENGINEERING PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 1 UNIT
 *SECTION B IS ELECTROMECHANICAL FORCES AND MOTION FOR 1 UNIT CREDIT.
 *SECTION M2 IS ULTRASONIC TECHNIQUES FOR 1 UNIT CREDIT.

26871	DISC	*B	8	M W F	59	E E B	TURNBULL
26889	DISC	*M2	9-1020	TU TH	260	E E B	DUNN-O'BRIEN

E E 498 INDIVIDUAL STUDY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS

26896	CONF	HWA	ARR				ADES
26907	CONF	FTA	ARR				ADLER
26914	CONF	DPA	ARR				AKITT
26921	CONF	WGA	ARR				ALBRIGHT
26939	CONF	GEA	ARR				ANMER
26946	CONF	RBA	ARR				ASH
26953	CONF	MLB	ARR				BABCOCK
26961	CONF	DSB	ARR				BABB
26978	CONF	ADB	ARR				BAILEY
26985	CONF	JB	ARR				BARDEEN
26992	CONF	JWB	ARR				BEAUCHAMP
27005	CONF	DLB	ARR				BITZER
27012	CONF	SAB	ARR				BOWHILL
27020	CONF	RMB	ARR				BROWN
27037	CONF	RWB	ARR				BURTNESS
27044	CONF	JHC	ARR				CAHN
27051	CONF	BEC	ARR				CHERRINGTON
27069	CONF	RTC	ARR				CHIEN
27076	CONF	PDC	ARR				COLEMAN
27083	CONF	DHC	ARR				COOPER
27091	CONF	MHC	ARR				CROTHERS
27101	CONF	JMC	ARR				CROWLEY
27119	CONF	JBC	ARR				CRUZ

E E 498 CONTINUED

27126	CONF	GAD	ARR	DESCHAMPS
27133	CONF	AWD	ARR	DIPERT
27141	CONF	FD	ARR	DUNN
27158	CONF	JDD	ARR	DYSON
27165	CONF	PRE	ARR	EGBERT
27172	CONF	WLE	ARR	EMERY
27180	CONF	EWE	ARR	ERNST
27197	CONF	GHF	ARR	FETT
27208	CONF	FJF	ARR	FRY
27215	CONF	OLG	ARR	GADDY
27222	CONF	LG	ARR	GOLDSTEIN
27230	CONF	AHH	ARR	HADDAD
27247	CONF	PH	ARR	HANDLER
27254	CONF	DH	ARR	HANG
27261	CONF	MSH	ARR	HELM
27279	CONF	CDH	ARR	HENDRICKS
27286	CONF	FEH	ARR	HOHN
27293	CONF	NH	ARR	HOLONYAK
27304	CONF	DFH	ARR	HOLSHOUSER
27311	CONF	ECJ	ARR	JORDAN
27329	CONF	PWK	ARR	KLOCK
27336	CONF	PK	ARR	KOKOTOVIC
27343	CONF	BCK	ARR	KUO
27351	CONF	SWL	ARR	LEE
27368	CONF	CHL	ARR	LIU
27375	CONF	YTL	ARR	LO
27382	CONF	PM	ARR	MAST
27390	CONF	WM	ARR	MAYEDA
27401	CONF	PEM	ARR	MAYES
27418	CONF	MSM	ARR	MCVAY
27425	CONF	EAM	ARR	MECHTLY
27432	CONF	HM	ARR	MERKELO
27440	CONF	GAM	ARR	METZE
27457	CONF	WEM	ARR	MILLER
27464	CONF	RM	ARR	MITTRA
27471	CONF	DEM	ARR	MULLER
27489	CONF	TAM	ARR	MURRELL
27496	CONF	SM	ARR	MUROGA
27507	CONF	NNR	ARR	NARAYANA RAO
27514	CONF	JPN	ARR	NEAL
27521	CONF	GRP	ARR	PEIRCE
27539	CONF	WRP	ARR	PERKINS
27546	CONF	DP	ARR	PINES
27553	CONF	WJP	ARR	POPPELBAUM
27561	CONF	FPP	ARR	PREPARATA
27578	CONF	SRR	ARR	RAY
27585	CONF	JER	ARR	ROBERTSON
27592	CONF	CTS	ARR	SAH
27603	CONF	PFS	ARR	SCHWARZLOSE
27611	CONF	CFS	ARR	SECHRIST
27628	CONF	HGS	ARR	SLOTTOW
27635	CONF	BGS	ARR	STREETMAN
27642	CONF	GWS	ARR	SWENSON
27650	CONF	TNT	ARR	TRICK
27667	CONF	RJT	ARR	TURNBULL
27674	CONF	JTV	ARR	VERDEVEN
27681	CONF	HMV	ARR	VON FOERSTER
27699	CONF	NW	ARR	WAX
27700	CONF	HDW	ARR	WEBB
27717	CONF	KCY	ARR	YEH
27724	CONF	X	ARR	OTHERS

E E 499 THESIS RESEARCH.
0 TO 4 UNITS

27731	CONF	HWA	ARR	ADES
27749	CONF	FTA	ARR	ADLER
27756	CONF	DPA	ARR	AKITT
27763	CONF	HGA	ARR	ALBRIGHT
27771	CONF	GEA	ARR	ANNER
27788	CONF	RBA	ARR	ASH
27795	CONF	MLB	ARR	BABCOCK
27806	CONF	ADB	ARR	BAILEY
27813	CONF	JB	ARR	BARDEEN
27821	CONF	JWB	ARR	BEAUCHAMP
27838	CONF	DLB	ARR	BITZER
27845	CONF	SAB	ARR	BOWHILL
27852	CONF	RMB	ARR	BROWN
27860	CONF	RWB	ARR	BURTNES

E E 499 CONTINUED

27877	CONF	RHC	ARR
27884	CONF	BEC	ARR
27891	CONF	RTC	ARR
27902	CONF	PDC	ARR
27910	CONF	JBC	ARR
27927	CONF	GAD	ARR
27934	CONF	FD	ARR
27941	CONF	JDD	ARR
27959	CONF	WLE	ARR
27966	CONF	EWE	ARR
27973	CONF	GHF	ARR
27981	CONF	FJF	ARR
27998	CONF	OLG	ARR
28001	CONF	LG	ARR
28018	CONF	AHH	ARR
28025	CONF	PH	ARR
28032	CONF	DM	ARR
28040	CONF	MSH	ARR
28057	CONF	CDH	ARR
28064	CONF	FEH	ARR
28071	CONF	NH	ARR
28089	CONF	DFH	ARR
28096	CONF	ECJ	ARR
28107	CONF	PWK	ARR
28114	CONF	PK	ARR
28121	CONF	BCK	ARR
28139	CONF	SWL	ARR
28146	CONF	CHL	ARR
28153	CONF	YTL	ARR
28161	CONF	WM	ARR
28178	CONF	PEM	ARR
28185	CONF	EAM	ARR
28192	CONF	HM	ARR
28203	CONF	GAM	ARR
28211	CONF	WEM	ARR
28228	CONF	RM	ARR
28235	CONF	DEM	ARR
28242	CONF	SM	ARR
28250	CONF	TAM	ARR
28267	CONF	NNR	ARR
28274	CONF	JPN	ARR
28281	CONF	WRP	ARR
28299	CONF	DP	ARR
28300	CONF	WJP	ARR
28317	CONF	FPP	ARR
28324	CONF	SRR	ARR
28331	CONF	JER	ARR
28349	CONF	CTS	ARR
28356	CONF	PFS	ARR
28363	CONF	HGS	ARR
28371	CONF	GWS	ARR
28388	CONF	TNT	ARR
28395	CONF	JTV	ARR
28406	CONF	HMW	ARR
28413	CONF	NW	ARR
28421	CONF	HDW	ARR
28438	CONF	KCY	ARR
28445	CONF	X	ARR

CAHN
CHERRINGTON
CHIEH
COLEMAN
CRUZ
DE SCHAMPS
DUNN
DYSON
EMERY
ERNST
FETT
FRY
GADDY
GOLDSTEIN
HADDAD
HANDLER
HANG
HELM
HENDRICKS
HOHN
HOLONYAK
HOLSHOUSER
JORDAN
KLOCK
KOKOTOVIC
KUO
LEE
LIU
LO
MAYEDA
MAYES
MECHTLY
MERKELO
METZE
MILLER
MITTRA
MULLER
MURGA
MURRELL
NARAYANA RAO
NEAL
PERKINS
PINES
POPPELBAUM
PREPARATA
RAY
ROBERTSON
SAH
SCHWARZLOSE
SLOTTOW
SWENSON
TRICK
VERDEYEN
VON FOERSTER
WAX
WEBB
YEH
OTHERS

ELEMENTARY EDUCATION

DEPARTMENT OFFICE

306 EDUC

COURSES FOR ADVANCED UNDERGRADUATES

EL ED 230 PRINCIPLES, PROBLEMS AND ISSUES IN ELEMENTARY EDUCATION.
PREREQUISITE: MUST BE TAKEN CONCURRENTLY WITH ED. PR. 232.
3 HOURS

OPEN ONLY TO STUDENT TEACHERS. NOTE: FIRST MEETING FOR ALL
SECTIONS IN ROOM 2 EDUCATION BUILDING.

28452	LECT-DISC	1	7-PM	TH	2	EDUC	
28460	LECT-DISC	2	7-PM	TH	382	EDUC	
28477	LECT-DISC	3	7-PM	TH	385	EDUC	
28484	LECT-DISC	4	7-PM	TH	389	EDUC	
28491	LECT-DISC	5	7-PM	TH	143	ARMORY	
28502	LECT-DISC	6	7-PM	TH	150	ARMORY	
28510	LECT-DISC	7	7-PM	TH	153	ARMORY	
28527	LECT-DISC	8	7-PM	TH	192	EDUC	
28534	LECT-DISC	9	7-PM	TH	6	COM W	
28541	LECT-DISC	10	7-PM	TH	8	COM W	
28559	LECT-DISC	11	7-PM	TH	11	COM W	
28566	LECT-DISC	12	7-PM	TH	20	COM W	

EL ED 233 CLASSROOM PROGRAMS IN CHILDHOOD EDUCATION.
PREREQUISITE: JUNIOR STANDING, ED. PSY. 236.

2 HOURS
28573 LECT-DISC 3-5 TH 166 EDUC

EL ED 235 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.
PREREQUISITE: JUNIOR STANDING.

3 HOURS.
*WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT
TEACHING PERIOD.

28598	LECT-DISC	*E	9-11	TU TH	153	ARMORY	RODGERS
		*E	3-5	W	153	ARMORY	
28581	LECT-DISC	R	1-3	TU	21	D K H	RODGERS
		R	1	TH	21	D K H	

EL ED 237 THEORY AND PROCESS IN ELEMENTARY SCHOOL TEACHING.
PREREQUISITE: ED. PSY. 236.

5 HOURS
THE PRACTICE SESSIONS ARE ONLY FOR THE SIX-WEEKS OBSERVATION
PERIOD IN LOCAL SCHOOLS WHEN ALL SECTIONS WILL MEET 9-12 MTUWTHF.
STUDENTS SHOULD ENROLL IN ONE LAB-PRACTICE-LECTURE COMBINATION.

28609	LAB	A1	8-10	TU	385	EDUC	
	PRACT	A1	9	M WTHF	ARR		
		A1	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY
28616	LAB	A2	8-10	TH	385	EDUC	
	PRACT	A2	9	MTUW F	ARR		
		A2	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY
28623	LAB	B1	8-10	TU	6	COM W	
	PRACT	B1	9	MTUWTHF	ARR		
		B1	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY
28631	LAB	B2	8-10	TH	6	COM W	
	PRACT	B2	9	MTUWTHF	ARR		
		B2	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY
28648	LAB	C1	10-12	TU	382	EDUC	
	PRACT	C1	9	MTUWTHF	ARR		
		C1	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY
28655	LAB	C2	10-12	TH	385	EDUC	
	PRACT	C2	9	MTUWTHF	ARR		
		C2	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY

EL ED 237	CONTINUED						
28662	LAB	D1	10-12	TU	15	D K H	SHORESMAN
	PRACT	D1	9	MTUWTHF	ARR		
		D1	10-12	TU THF	ARR		
	LECT	2	10-12	M	325	D K H	
		2	10-12	W	212	D K H	
28670	LAB	D2	10-12	TH	382	EDUC	
	PRACT	D2	9	MTUWTHF	ARR		
		D2	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY

EL ED 249 INDEPENDENT STUDY.
 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
 2 HOURS

28687	CONF		ARR				STAFF
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EL ED 291 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS

28694	CONF		ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

EL ED 332 PRINCIPLES AND PRACTICES IN ELEMENTARY MATHEMATICS EDUCATION.
 PREREQUISITE: MATH. 202 AND 203 OR EQUIVALENT.
 3 HOURS, OR 1/2 OR 1 UNIT
 *THIS SECTION WILL NOT MEET DURING THE EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

28705	LECT-DISC *R	1-3	TU TH	153	ARMORY		LERCH
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EL ED 333 THE TEACHING OF LANGUAGE ARTS IN THE ELEMENTARY SCHOOL.
 PREREQUISITE: EL. ED. 237 AND ED. PSY. 236.
 3 HOURS, OR 1/2 TO 1 UNIT
 SECTIONS A1, A2, C AND F OPEN ONLY TO STUDENT TEACHERS AND
 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

28720	LECT-DISC *A1	8-10	M W F	150	ARMORY		EVERTTS
28737	LECT-DISC *A2	8-10	M W F	153	ARMORY		
28744	LECT-DISC *C	10-12	M W F	153	ARMORY		
28751	LECT-DISC *F	1-3	M W F	153	ARMORY		
28712	LECT-DISC Y	7-9PM	M	126	COM W		EVERTTS

EL ED 334 PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION.
 PREREQUISITE: EL. ED. 237.
 3 HOURS, OR 1/2 OR 1 UNIT
 *WILL NOT MEET DURING ELEMENTARY SCHOOL EIGHT-WEEK STUDENT TEACHING AND IS DESIGNED FOR STUDENTS IN EARLY CHILDHOOD CURRICULUM.

28769	LECT-DISC M	430-630	TU	166	EDUC		KATZ
28776	LECT-DISC *G	1-3	M W F	328	D K H		

EL ED 335 SCIENCE IN THE ELEMENTARY SCHOOL.
 PREREQUISITE: EL. ED. 237, OR EQUIVALENT; TWO YEARS OF COLLEGE SCIENCE.
 3 HOURS OR 1/2 UNIT
 LABORATORY WILL BE OPEN DAILY. SEE SCHEDULE AT LAB. EXTRA LAB HOURS REQUIRED OF ALL SECTIONS.
 *LECTURE-LAB 1 OPEN ONLY TO STUDENTS CONCURRENTLY ENROLLED IN L. A. S. 141 LAB-DISC-LECTURE SECTION S1. LECTURE-LAB 2 OPEN ONLY TO STUDENTS CONCURRENTLY ENROLLED IN L. A. S. 141 LAB-DISC-LECTURE SECTION S2.
 GRADUATE STUDENTS MAY NOT ENROLL IN THESE TWO SECTIONS.
 PREREQUISITES DO NOT HOLD FOR THESE TWO SECTIONS.
 *LECTURE 3 AND LAB 3 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

28783	LECT	1	1-3	M	4G	EDUC	SHORESMAN
	LAB	1	ARR				
28791	LECT	2	1-3	W	4G	EDUC	WELLER
	LAB	2	ARR				
28801	LECT	3	10-12	TU	4G	EDUC	
	LAB	3	ARR				

EL ED 336 PRIMARY READING.
 PREREQUISITE: JUNIOR STANDING AND REGISTRATION IN A TEACHER
 EDUCATION CURRICULUM.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTIONS A, C, C1 AND E WILL NOT MEET DURING EIGHT WEEK ELEMENTARY
 SCHOOL STUDENT TEACHING PERIOD.
 *SECTIONS X, Y, AND Z WILL NOT MEET DURING THE SIX-WEEK
 JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD.

28833	LECT-DISC *A	8-10	M W F	166	EDUC	SHORES
28841	LECT-DISC *C	10-12	M W F	192	EDUC	
28858	LECT-DISC *C1	11-1	M W F	1	EDUC	
28819	LECT-DISC C2	10	M W F	166	EDUC	KOENKE
28865	LECT-DISC *E	1-3	M W F	192	EDUC	
28826	LECT-DISC F	2	M W F	25	EDUC	DURKIN
28872	LECT-DISC *X	2-4	M W	2	EDUC	KOENKE
	*X	2		F	2	EDUC
28880	LECT-DISC *Y	8	TU TH	2	EDUC	KOENKE
	LECT *Y	8	M	2	EDUC	
28897	LECT-DISC *Z	8	M W F	2	EDUC	
	LECT *Z	8	M	2	EDUC	

EL ED 337 ART EDUCATION IN THE ELEMENTARY SCHOOL.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS OR 1/2 UNIT
 *SECTIONS A AND C WILL NOT MEET DURING EIGHT WEEK ELEMENTARY
 SCHOOL STUDENT TEACHING PERIOD.

28930	LECT-DISC *A	8	MTUWTHF	107	F A B
28947	LECT-DISC *C	10	MTUWTHF	62	K M
28908	LECT-DISC E	1	M W F	107	F A B
28915	LECT-DISC E1	1	M W F	442	M H
28922	LECT-DISC F	2	M W F	107	F A B

EL ED 338 TEACHING OF READING IN GRADES FOUR THROUGH TWELVE.
 SAME AS SE. ED. 338.
 PREREQUISITE: JUNIOR STANDING AND EL. ED. 336 OR EDPSY. 211.
 3 HOURS, OR 1/2 OR 1 UNIT

28954	LECT-DISC	2	M W F	442	M H	ERICKSON
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EL ED 339 CORRECTIVE READING.
 SAME AS EDPSY. 339.
 PREREQUISITE: EL. ED. 336 OR 338.
 3 HOURS OR 1 UNIT
 MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.

28961	LECT-DISC U	4-6	TU	10	EDUC
28979	LECT-DISC H	4-6	W	10	EDUC
28986	LECT-DISC I	4-6	TH	10	EDUC

COURSES FOR GRADUATES

EL ED 431 ELEMENTARY SCHOOL CLASSROOM PROGRAMS.
 1 UNIT

28993	LECT-DISC	7-9PM	W	162	EDUC	BARNES
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EL ED 432 CLINICAL DIAGNOSIS AND REMEDIATION IN READING.
 PREREQUISITE: EL. ED. 339 AND A COURSE IN INDIVIDUAL
 MENTAL TESTING.
 *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
 *1 UNIT
 STUDENTS MUST FILL OUT APPLICATION WITH EDUCATION READING CLINIC
 10 EDUCATION BUILDING PRIOR TO ENROLLMENT.

29006	LECT-DISC	4-6	M	25	EDUC	POWELL
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EL ED 433 CURRICULUM PROBLEMS AND TRENDS IN SPECIAL FIELDS OF ELEMENTARY EDUCATION.

PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF INSTRUCTOR; LANGUAGE ARTS SECTIONS, EL. ED. 333 AND 336 OR A COURSE IN THE TEACHING OF READING OR LANGUAGE ARTS, OR CONSENT OF INSTRUCTOR; CREATIVE ARTS SECTION, EL. ED. 337 OR CONSENT OF INSTRUCTOR; SCIENCE SECTION, EL. ED. 335 OR A METHODS COURSE IN TEACHING SCIENCE IN THE ELEMENTARY SCHOOL AND TWO YEARS OF COLLEGE SCIENCE, OR CONSENT OF INSTRUCTOR; READING SECTION, EL. ED. 336 OR COURSE IN TEACHING OF READING, OR CONSENT OF INSTRUCTOR; EARLY CHILDHOOD SECTION, EL. ED. 434, OR CONSENT OF INSTRUCTOR.

1 UNIT

*SECTION A IS FOR LANGUAGE ARTS. SECTION D IS FOR ARITHMETIC.

*SECTION F IS FOR READING.

29013	LECT-DISC *A	4-6	TU	385	EDUC	MOORE
29021	LECT-DISC *D	7-9PM	TH	162	EDUC	LERCH
29038	LECT-DISC *F	10-12	S	389	EDUC	DURKIN

EL ED 434 PROGRAMS IN EARLY CHILDHOOD EDUCATION.

1 UNIT

29045	LECT-DISC	4-6	TU	192	EDUC	SPODEK
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EL ED 437 METHODS OF CHILD STUDY.

PREREQUISITE: ED. PSY. 312 OR CONSENT OF INSTRUCTOR.

1 UNIT

29052	LECT-DISC	7-9PM	W	36	COM W	
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EL ED 439 FUNDAMENTALS OF CURRICULUM DEVELOPMENT.

1 UNIT

29060	LECT-DISC	7-9PM	M	385	EDUC	SHORES
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EL ED 449 INDEPENDENT STUDY.

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.

*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.

*1/2 OR 1 UNIT

29077	CONF	ARR				GRADUATE STAFF
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EL ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.

1 TO 2 UNITS

*SECTION G IS FOR RESEARCH AND DESIGN IN CURRICULUM DEVELOPMENT. THIS WORKSHOP IS DESIGNED ESPECIALLY FOR ADVANCED GRADUATE STUDENTS IN EDUCATION INCLUDING CURRICULUM SPECIALISTS, SUPERVISORS, AND PRINCIPALS.

*SECTION L IS FOR DEVELOPMENT OF CURRICULUM THROUGH THE USE OF CHILDREN'S LITERATURE.

*SECTION U IS FOR URBAN EDUCATION. IT IS DESIGNED ESPECIALLY FOR TEACHERS, CONSULTANTS, AND ADMINISTRATORS INTERESTED

IN PROBLEMS INVOLVED IN URBAN EDUCATION.

29084	LECT-DISC *G	7-9PM	M	162	EDUC	BARNES & LERCH
29091	LECT-DISC *L	7-9PM	TU	36	COM W	EVERTTS
29102	LECT-DISC *U	7-9PM	TH	166	EDUC	RODGERS

EL ED 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

29110	CONF	ARR				GRADUATE STAFF
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EL ED 499 THESIS RESEARCH.

0 TO 4 UNITS

29127	CONF	ARR				GRADUATE STAFF
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ENGINEERING

DEPARTMENT OFFICE

101 E H

COURSES FOR UNDERGRADUATES

ENG	100	ENGINEERING LECTURE. REQUIRED OF FRESHMEN IN THE COLLEGE OF ENGINEERING. 0 CREDIT					
	29134	LECT	E	9	TH	AUDITORIUM	
	29141	LECT	F	10	TH	AUDITORIUM	
	29159	LECT	AER	10	TH	AUDITORIUM	
	29166	LECT	AGR	9	TH	AUDITORIUM	
	29173	LECT	CER	9	TH	AUDITORIUM	
	29181	LECT	CIV	10	TH	AUDITORIUM	
	29198	LECT	EE	9	TH	AUDITORIUM	
	29209	LECT	EM	10	TH	AUDITORIUM	
	29216	LECT	GE	9	TH	AUDITORIUM	
	29223	LECT	ME	9	TH	AUDITORIUM	
	29231	LECT	IE	10	TH	AUDITORIUM	
	29248	LECT	MET	10	TH	AUDITORIUM	
	29255	LECT	PHY	10	TH	AUDITORIUM	
ENG	101	COOPERATIVE ENGINEERING EDUCATION SEMINAR. PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM. 0 CREDIT					
	29262	LECT-DISC		5	M	119 M M B	OPPERMAN
ENG	102	COOPERATIVE ENGINEERING EDUCATION PRACTICE. PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM. 0 CREDIT					
	29270	PRACT		ARR			OPPERMAN

ENGINEERING HONORS

DEPARTMENT OFFICE

101 E H

COURSES FOR UNDERGRADUATES

ENG H	196	THE ENGINEER AND SOCIETY. PREREQUISITE: FRESHMAN JAMES SCHOLAR. 2 HOURS					
	29287	LECT-DISC	&	10-12	TH	ARR	
ENG H	197	THE ENGINEER AND HIS PROFESSION. PREREQUISITE: FRESHMAN JAMES SCHOLAR. 1 HOUR					
	29294	LECT-DISC	&	3-430	M	235 M E B	PIGAGE

COURSES FOR ADVANCED UNDERGRADUATES

ENG H	297	COLLEGE HONORS SEMINAR. PREREQUISITE: JAMES SCHOLAR IN ENGINEERING OR CONSENT OF INSTRUCTOR. 1 TO 4 HOURS					
	29305	LECT-DISC	&E	11	M	F	302 T B
	29312	LECT-DISC	&M	3-430	TU TH		8222 C E B
	29320	LECT-DISC	&O	ARR			
	29337	LECT-DISC	&P	11	TU		302 T B
	29344	LECT-DISC	&S	8-10	TU TH		206 T B
	29351	LECT-DISC	&Y	1-3	TU		121 AGR ENG
							PEARSON MURTHA PLECK STERN, KONZO YOERGER

ENGLISH LITERATURE AND AMERICAN LITERATURE
DEPARTMENT OFFICE 100 E B

MAJOR: A COURSE IN SHAKESPEARE AND TWENTY ADDITIONAL HOURS IN ENGLISH, EXCLUDING 101, 102, 103, 115, 116, 195, 196, AND RHETORIC 101, 102, 107, 108, 202, 251, 271, 272. OF THESE TWENTY ADDITIONAL HOURS, SEVENTEEN MUST BE TAKEN IN ENGLISH OR AMERICAN LITERATURE, INCLUDING THREE HOURS FROM EACH OF THE FOLLOWING GROUPS: (1) AMERICAN LITERATURE: ENGLISH 255, 256. (2) CREDIT FOR BOTH ENGLISH 113 AND 114 MAY OFFER ENGLISH 272, 273, OR 336; (3) ENGLISH LITERATURE FROM 1616 TO 1800: ENGLISH 245, 342, 345, 346, 348, OR 349; (4) ENGLISH LITERATURE FROM 1800 TO THE PRESENT: ENGLISH 246, 263, 264, 281, 282, 283, OR 284.

PREREQUISITE TO THE ENGLISH MAJOR IS SIX SEMESTER HOURS OF INTRODUCTORY LITERATURE: ENGLISH 101 AND EITHER 102 OR 103, OR ENGLISH 195 AND 196. IF NECESSARY THESE COURSES MAY BE TAKEN CONCURRENTLY WITH ADVANCED COURSES.

MINORS: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POL. SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISOR, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES UNLESS APPROVED BY THE ADVISOR WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THEIR DEPARTMENTS EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED.

ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISOR ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: THE ENGLISH DEPARTMENT OFFERS FIVE SPECIAL COURSES (197, 295, 296, 297, 298) WHICH CONSTITUTE THE HONORS PROGRAM. A FULL DESCRIPTION OF THIS PROGRAM MAY BE OBTAINED FROM THE DEPARTMENTAL OFFICES, THE DEPARTMENTAL DIRECTOR OF HONORS, OR FROM ANY MAJOR ADVISOR. A STUDENT MAJORING IN ENGLISH WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR BETTER) MAY EARN DISTINCTION ONLY BY SUCCESSFULLY COMPLETING ENGLISH 297, 298, AND ANY TWO OF THE OTHER THREE (197, 295, 296) HONORS SEMINARS IN ADDITION TO THE OTHER REMAINING REGULAR REQUIREMENTS FOR HIS MAJOR. A STUDENT ENROLLED IN THE TEACHER EDUCATION CURRICULUM MAY EARN DISTINCTION BY SUBSTITUTING ENGLISH 197 FOR ENGLISH 297 AND BY TAKING ENGLISH 298 DURING WHICHEVER SEMESTER OF HIS SENIOR YEAR HE IS ON CAMPUS THE FULL TIME.

THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE HONORS COMMITTEE, THE INSTRUCTORS IN THE HONORS SEMINARS, THE ENGLISH 298 TUTOR, AND SUCH OTHER FACULTY MEMBERS AS MAY BE ASKED TO READ THE HONORS ESSAY. TO RECEIVE HIGHEST DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE POINT AVERAGE OF 4.75 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGH DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.5. IF, IN THE OPINION OF THOSE DESIGNATED TO DETERMINE THESE MATTERS, A CANDIDATE FAILS TO EARN ANY KIND OF DISTINCTION, HE WILL STILL RECEIVE CREDIT FOR THE HONORS COURSES HE HAS TAKEN.

COURSES FOR UNDERGRADUATES

ENGL 101 INTRODUCTION TO POETRY.

3 HOURS

29369	LECT-DISC	A1	8	M W F	147	ARMORY
29376	LECT-DISC	A2	8	M W F	310	D K H
29383	LECT-DISC	B1	9	M W F	223	E B
29391	LECT-DISC	C1	10	M W F	240	L H
29401	LECT-DISC	C2	10	M W F	252	M E B
29419	LECT-DISC	D1	11	M W F	337	ARMORY
29426	LECT-DISC	D2	11	M W F	252	M E B
29433	LECT-DISC	X1	12	M W F	206	D K H
29441	LECT-DISC	X2	12	M W F	147	ARMORY
29458	LECT-DISC	X3	12	M W F	310	D K H
29465	LECT-DISC	E1	1	M W F	223	E B
29472	LECT-DISC	E2	1	M W F	337	ARMORY
29480	LECT-DISC	F1	2	M W F	312	D K H
29497	LECT-DISC	F2	2	M W F	337	ARMORY
29508	LECT-DISC	G1	3	M W F	205	E B
29515	LECT-DISC	G2	3	M W F	140	ADMIN
29522	LECT-DISC	H1	4	M W F	137	ADMIN
29530	LECT-DISC	L1	9	TU TH	240	L H
		L1	10	TH	240	L H
29547	LECT-DISC	N	11	TU TH	140	ADMIN
		N	12	TH	140	ADMIN
29554	LECT-DISC	P1	1	TU TH	142	ADMIN
		P1	2	TH	142	ADMIN
29561	LECT-DISC	P2	1	TU TH	117	E B
		P2	2	TH	117	E B
29579	LECT-DISC	R1	3	TU TH	240	L H
		R1	4	TU	240	L H
29586	LECT-DISC	R2	3	TU TH	140	ADMIN
		R2	4	TU	140	ADMIN

ENGL 102 INTRODUCTION TO THE DRAMA.

3 HOURS

29593	LECT-DISC	A1	8	M W F	328	ARMORY
29604	LECT-DISC	A2	8	M W F	312	D K H
29611	LECT-DISC	A3	8	M W F	117	E B
29629	LECT-DISC	A4	8	M W F	209	E B
29636	LECT-DISC	B1	9	M W F	64	M E B
29643	LECT-DISC	C1	10	M W F	333	ARMORY
29651	LECT-DISC	D1	11	M W F	64	M E B
29668	LECT-DISC	D2	11	M W F	333	ARMORY
29675	LECT-DISC	X1	12	M W F	328	ARMORY
29682	LECT-DISC	X2	12	M W F	64	M E B
29690	LECT-DISC	X3	12	M W F	337	ARMORY
29701	LECT-DISC	E1	1	M W F	140	ADMIN
29718	LECT-DISC	E2	1	M W F	328	ARMORY
29725	LECT-DISC	F1	2	M W F	240	L H
29732	LECT-DISC	F2	2	M W F	144	BEV HALL
29740	LECT-DISC	G1	3	M W F	328	ARMORY
29757	LECT-DISC	G2	3	M W F	144	BEV HALL
29764	LECT-DISC	H1	4	M W F	108	E B
29771	LECT-DISC	P1	1	TU TH	310	D K H
		P1	2	TH	310	D K H
29789	LECT-DISC	P2	1	TU TH	108	E B
		P2	2	TH	108	E B
29796	LECT-DISC	R1	3	TU TH	310	D K H
		R1	4	TU	310	D K H
29807	LECT-DISC	R2	3	TU TH	312	D K H
		R2	4	TU	312	D K H

ENGL 103 INTRODUCTION TO FICTION.

3 HOURS

29814	LECT-DISC	A1	8	M W F	333	ARMORY
29821	LECT-DISC	A2	8	M W F	144	BEV HALL
29839	LECT-DISC	A3	8	M W F	201	E B
29846	LECT-DISC	B1	9	M W F	108	E B
29853	LECT-DISC	B2	9	M W F	137	ADMIN
29861	LECT-DISC	C1	10	M W F	196	L H
29878	LECT-DISC	C2	10	M W F	64	M E B
29885	LECT-DISC	D2	11	M W F	328	ARMORY
29892	LECT-DISC	X1	12	M W F	106	D K H
29903	LECT-DISC	X2	12	M W F	333	ARMORY
29911	LECT-DISC	X3	12	M W F	252	M E B
29928	LECT-DISC	X4	12	M W F	259	E B

ENGL	103	CONTINUED									
	29935	LECT-DISC	E1	1	M	W	F	259	E	B	
	29942	LECT-DISC	E2	1	M	W	F	117	E	B	
	29950	LECT-DISC	E3	1	M	W	F	333	ARMORY		
	29967	LECT-DISC	F1	2	M	W	F	201	E	B	
	29974	LECT-DISC	F2	2	M	W	F	333	ARMORY		
	29981	LECT-DISC	G1	3	M	W	F	201	E	B	
	29999	LECT-DISC	G2	3	M	W	F	105	H	H	
	30005	LECT-DISC	H1	4	M	W	F	201	E	B	
	30012	LECT-DISC	H2	4	M	W	F	140	ADMIN		
	30020	LECT-DISC	P1	1	TU	TH		328	ARMORY		
			P1	2		TH		328	ARMORY		
	30037	LECT-DISC	P2	1	TU	TH		105	H	H	
			P2	2		TH		105	H	H	
	30044	LECT-DISC	P3	1	TU	TH		240	L	H	
			P3	2		TH		240	L	H	
	30051	LECT-DISC	R1	3	TU	TH		328	ARMORY		
			R1	4	TU			328	ARMORY		
	30069	LECT-DISC	R2	3	TU	TH		105	H	H	
			R2	4	TU			105	H	H	
	30076	LECT-DISC	R3	3	TU	TH		329	G	H	
			R3	4	TU			329	G	H	

ENGL 115 MASTERPIECES OF ENGLISH LITERATURE.

3 HOURS

30083	LECT-DISC	B1	9	M	W	F	312	D	K	H	
30091	LECT-DISC	B2	9	M	W	F	310	D	K	H	
30101	LECT-DISC	C1	10	M	W	F	252	ADMIN			
30119	LECT-DISC	C2	10	M	W	F	312	D	K	H	
30126	LECT-DISC	D1	11	M	W	F	223	E	B		
30133	LECT-DISC	D2	11	M	W	F	196	L	H		
30141	LECT-DISC	E1	1	M	W	F	64	M	E	B	
30158	LECT-DISC	F1	2	M	W	F	64	M	E	B	

ENGL 116 MASTERPIECES OF AMERICAN LITERATURE.

3 HOURS

30165	LECT-DISC	A1	8	M	W	F	282	BEV	HALL		
30172	LECT-DISC	B1	9	M	W	F	282	BEV	HALL		
30180	LECT-DISC	B2	9	M	W	F	252	M	E	B	
30197	LECT-DISC	C1	10	M	W	F	328	ARMORY			
30208	LECT-DISC	D1	11	M	W	F	259	E	B		
30215	LECT-DISC	X1	12	M	W	F	312	N	L		
30222	LECT-DISC	E1	1	M	W	F	252	M	E	B	
30230	LECT-DISC	F1	2	M	W	F	282	BEV	HALL		
30247	LECT-DISC	G1	3-430	M	W		259	E	B		
30254	LECT-DISC	P1	1	TU	TH		333	ARMORY			
		P1	2		TH		333	ARMORY			
30261	LECT-DISC	R1	3	TU	TH		333	ARMORY			
		R1	4	TU			333	ARMORY			

ENGL 131 INTRODUCTION TO SHAKESPEARE.

PREREQUISITE: SOPHOMORE STANDING OR EXEMPTION FROM RHET. 102.
OR DESIGNATION AS AN EDMUND J. JAMES SCHOLAR.

3 HOURS

30279	LECT-DISC	A1	8	M	W	F	140	ADMIN			
30286	LECT-DISC	B1	9	M	W	F	144	BEV	HALL		
30293	LECT-DISC	B2	9	M	W	F	201	E	B		
30304	LECT-DISC	C1	10	M	W	F	144	BEV	HALL		
30311	LECT-DISC	D1	11	M	W	F	252	ADMIN			
30329	LECT-DISC	D2	11	M	W	F	282	BEV	HALL		
30336	LECT-DISC	X1	12	M	W	F	252	ADMIN			
30343	LECT-DISC	E1	1	M	W	F	310	D	K	H	
30351	LECT-DISC	F1	2	M	W	F	310	D	K	H	
30368	LECT-DISC	F2	2	M	W	F	209	E	B		
30375	LECT-DISC	G1	3	M	W	F	196	L	H		

ENGL 195 FRESHMAN SEMINAR, I.

PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS
SUPERIOR STUDENT, OR CONSENT OF INSTRUCTOR.

4 HOURS

30382	LECT-DISC	F1	2-4	TU	TH		210A	E	B	SCHNEIDER	
30390	LECT-DISC	M1	10-12	TU	TH		210A	E	B	SCHNEIDER	
30401	LECT-DISC	G1	3-5	M	W		9	G	H	HOTCH	

ENGL 197 SOPHOMORE HONORS SEMINAR.
 PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS
 WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT
 OF INSTRUCTOR.
 3 HOURS
 *SECTION G1 TOPIC: THE COMPLEX WORLD OF ENGLISH RENAISSANCE
 NARRATIVE (SATISFIES AREA II REQUIREMENT).
 *SECTION G2 TOPIC: THEMES AND IMAGES IN AMERICAN POETRY
 (SATISFIES AREA I REQUIREMENT).
 *SECTION H1 TOPIC: THE PSYCHOLOGICAL ISSUES OF ROMANTICISM
 (SATISFIES AREA IV REQUIREMENT).

30418	LECT-DISC	*G61	3-5	TU	142	ADMIN	KAY
30425	LECT-DISC	*G62	3-5	TH	142	ADMIN	KYLE
30432	LECT-DISC	*G61	4-6	W	210A	E B	WALDOFF

ENGL 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION F IS FILM AS LITERATURE. 4 HOURS CREDIT.

30440	CONF		APR				
30457	CONF	F	2	M W F	154	ARMORY	FRAYNE
		F	3	W	154	ARMORY	

COURSES FOR ADVANCED UNDERGRADUATES

ENGL 215 PRACTICAL CRITICISM.
 PREREQUISITE: NINE HOURS OF LITERATURE OR CONSENT OF INSTRUCTOR.
 3 HOURS
 *WILL NOT MEET DURING SIX-WEEK PRACTICE TEACHING SESSION.

30464	LECT-DISC	D	11	M W F	312	D K H	NELSON
30514	LECT-DISC	*E	1	MTWTHF	312	D K H	WALDOFF
30471	LECT-DISC	F	2	M W F	328	ARMORY	WALDOFF
30489	LECT-DISC	G	3	M W F	370	L H	NELSON
30496	LECT-DISC	K	8	TU TH	137	ADMIN	PURAVS
		K	9	TU	137	ADMIN	PURAVS
30507	LECT-DISC	L	9	TH	137	ADMIN	PURAVS
		L	10	TU TH	137	ADMIN	PURAVS

ENGL 221 MEDIEVAL LITERATURE.
 3 HOURS

30521	LECT-DISC	B	9	M W F	210B	E B	TRAHERN
30539	LECT-DISC	D	11	M W F	210B	E B	TRAHERN

ENGL 231 SHAKESPEARE, I.
 3 HOURS

30546	LECT-DISC	B	9	M W F	205	E B	WHEELER
30553	LECT-DISC	C1	10	M W F	117	E B	COLE
30561	LECT-DISC	X	12	M W F	205	E B	WHEELER
30578	LECT-DISC	E	1	M W F	205	E B	
30585	LECT-DISC	G	3	M W F	312	D K H	NEELY
30592	LECT-DISC	P1	1	TU TH	259	E B	HINELY
		P1	2	TU	259	E B	HINELY
30603	LECT-DISC	R	3	TU TH	209	E B	HINELY
		R	4	TU	209	E B	HINELY

ENGL 232 SHAKESPEARE, II.
 3 HOURS

30611	LECT-DISC	C	10	M W F	109	N L	WHEELER
30628	LECT-DISC	L	9	TU TH	223	E B	HINELY
		L	10	TU	223	E B	HINELY

ENGL 235 ENGLISH DRAMA PREVIOUS TO SHAKESPEARE.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS

30635	LECT-DISC	C	10	M W F	282	BEV HALL	VAWTER
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ENGL 245 ENGLISH LITERATURE FROM 1688 TO 1789.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS

30642	LECT-DISC	C	10	M W F	210B	E B	FRAYNE
30650	LECT-DISC	E	1	M W F	142	ADMIN	FRAYNE

ENGL 246 THE ENGLISH ROMANTIC POETS.

3 HOURS

30667	LECT-DISC X	12	M W F	240	L H	WILKIE
30674	LECT-DISC E	1	M W F	108	E B	MAJDIK
30681	LECT-DISC F	2	M W F	205	E B	MAJDIK

ENGL 251 GREAT NOVELISTS OF THE EIGHTEENTH CENTURY.

3 HOURS

30699	LECT-DISC N	11	TU TH	201	E B	GOLD
	N	12	TH	201	E B	GOLD

ENGL 252 GREAT ENGLISH NOVELISTS OF THE NINETEENTH CENTURY.

3 HOURS

30700	LECT-DISC C	10	M W F	137	ADMIN	KRAMER
30717	LECT-DISC D	11	M W F	137	ADMIN	SZIROTNY
30724	LECT-DISC F	2	M W F	259	E B	SZIROTNY

ENGL 253 GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL.

3 HOURS

30731	LECT-DISC B	9	M W	142	ADMIN	ADELMAN
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ENGL 255 SURVEY OF AMERICAN LITERATURE, I.

*CREDIT IS NOT GIVEN FOR BOTH ENGL. 113 AND 255.

*3 HOURS

*WILL NOT MEET DURING THE SIX-WEEK TEACHER TRAINING PERIOD.

30749	LECT-DISC B1	9	M W F	209	E B	HAMILTON
30821	LECT-DISC *B2	9	M W F	328	ARMORY	WATTS
	*B2	9	TU TH	330	ARMORY	
30756	LECT-DISC C1	10	M W F	140	ADMIN	SCOTT
30763	LECT-DISC D1	11	M W F	140	ADMIN	CARRINGER
30771	LECT-DISC X1	12	M W F	140	ADMIN	CARRINGER
30788	LECT-DISC E1	1	M W F	201	E B	RUNYAN
30795	LECT-DISC F1	2	M W F	223	E B	SWANSON
30806	LECT-DISC G1	3	M W F	117	E B	MOAKE
30813	LECT-DISC G2	3	M W F	209	E B	UROFF

ENGL 256 SURVEY OF AMERICAN LITERATURE, II.

*CREDIT IS NOT GIVEN FOR BOTH ENGL. 114 AND 256.

*3 HOURS

30838	LECT-DISC C1	10	M W F	259	E B	HAMILTON
30845	LECT-DISC D1	11	M W F	147	ARMORY	SWANSON
30852	LECT-DISC X1	12	M W F	201	E B	SWANSON
30860	LECT-DISC E1	1	M W F	105	H H	UROFF
30877	LECT-DISC F1	2	M W F	105	H H	UROFF
30884	LECT-DISC G1	3	M W F	252	ADMIN	RUNYAN
30891	LECT-DISC H1	4	M W F	252	ADMIN	RUNYAN

ENGL 257 SURVEY OF ENGLISH LITERATURE, I.

PREREQUISITE: SENIOR STANDING.

3 HOURS

*WILL NOT MEET DURING THE SIX-WEEK TEACHER TRAINING PERIOD.

30927	LECT-DISC *B1	9	MTWTHF	105	H H	MATTHEWS
30902	LECT-DISC C	10	M W F	310	D K H	MC GUGAN
30910	LECT-DISC D	11	M W F	310	D K H	MC GUGAN

ENGL 258 SURVEY OF ENGLISH LITERATURE, II.

PREREQUISITE: SENIOR STANDING.

3 HOURS

30934	LECT-DISC R	3	TU TH	205	E B	GOLD
	R	4	TU	205	E B	GOLD

ENGL 263 EARLY VICTORIAN LITERATURE.

3 HOURS

30941	LECT-DISC A	8	M W F	108	E B	BENNETT
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ENGL 265 MAJOR AUTHORS AFTER 1789.

2 HOURS

*SECTION E TOPIC: BROWNING, TENNYSON, DICKENS.

*SECTION G TOPIC: BYRON AND BYRONISM.

30959	LECT-DISC *E	1	M W	240	L H	SMALLEY
30966	LECT-DISC *G	3	M W	108	E B	MAJDIK

ENGL	272	THE BEGINNINGS OF MODERN POETRY.									
		3 HOURS									
	30973	LECT-DISC	A	8	M	W	F	223	E B		HOGAN
	30981	LECT-DISC	E	1	M	W	F	252	ADMIN		KYLE
ENGL	276	AFRO-AMERICAN LITERATURE.									
		PREREQUISITE: ONE YEAR OF LITERATURE STUDIED IN COLLEGE, OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	30998	LECT	E	1	M	W		101	ARMORY		KINNAMON
	31001	DISC	E1	1			F	196	L H		
	31018	DISC	E2	1			F	240	L H		
	31025	DISC	F1	2			F	162	L H		
	31032	DISC	F2	2			F	133	ARMORY		
ENGL	281	DEVELOPMENT OF THE MODERN DRAMA, I.									
		3 HOURS									
	31040	LECT-DISC	B	9	M	W	F	252	ADMIN		HURT
	31057	LECT-DISC	C	10	M	W	F	105	H H		HURT
	31064	LECT-DISC	X	12	M	W	F	137	ADMIN		ALLEN
	31071	LECT-DISC	E	1	M	W	F	282	BEV HALL		
	31089	LECT-DISC	F	2	M	W	F	142	ADMIN		ALLEN
ENGL	282	DEVELOPMENT OF THE MODERN DRAMA, II.									
		3 HOURS									
	31096	LECT-DISC	D	11	M	W	F	109	N L		VANTER
	31107	LECT-DISC	X	12	M	W	F	109	N L		VANTER
ENGL	283	ENGLISH LITERATURE IN THE TWENTIETH CENTURY, I.									
		3 HOURS									
	31114	LECT-DISC	D	11	M	W	F	108	E B		E BRANDABUR
	31121	LECT-DISC	X	12	M	W	F	312	D K H		NELSON
	31139	LECT-DISC	E	1	M	W	F	137	ADMIN		WILSON
	31146	LECT-DISC	F	2	M	W	F	137	ADMIN		WILSON
	31153	LECT-DISC	G	3	M	W	F	137	ADMIN		MARDER
ENGL	285	THE SHORT STORY, I.									
		PREREQUISITE: ONE COURSE IN ENGLISH OR AMERICAN LITERATURE.									
		3 HOURS									
	31161	LECT-DISC	B1	9	M	W	F	117	E B		BENNETT
	31178	LECT-DISC	C1	10	M	W	F	108	E B		ANDERSEN
	31185	LECT-DISC	D1	11	M	W	F	117	E B		BENNETT
	31192	LECT-DISC	D2	11	M	W	F	142	ADMIN		DAVIS
	31203	LECT-DISC	X1	12	M	W	F	142	ADMIN		DAVIS
	31211	LECT-DISC	E1	1	M	W	F	209	E B		B SMALLLEY
	31228	LECT-DISC	F1	2	M	W	F	108	E B		ANDERSEN
	31235	LECT-DISC	M	10		TU	TH	206	H H		VAN WALLEGE
			M	11			TH	206	H H		
	31242	LECT-DISC	P1	1		TU	TH	259	E B		VAN WALLEGE
			P1	2		TU		259	E B		
	31250	LECT-DISC	V	7-830PM		TU	TH	259	E B		FRIEDMAN
ENGL	288	THE TWENTIETH CENTURY AMERICAN NOVEL.									
		3 HOURS									
	31267	LECT-DISC	B1	9	M	W	F	140	ADMIN		SCOTT
	31274	LECT-DISC	B2	9	M	W	F	337	ARMORY		WHISNANT
	31281	LECT-DISC	C1	10	M	W	F	201	E B		A GREEN
	31299	LECT-DISC	C2	10	M	W	F	337	ARMORY		WHISNANT
	31300	LECT-DISC	D1	11	M	W	F	144	BEV HALL		SCOTT
	31317	LECT-DISC	X1	12	M	W	F	144	BEV HALL		MOAKE
	31324	LECT-DISC	X2	12	M	W	F	196	L H		KINNAMON
	31331	LECT-DISC	F1	2	M	W	F	117	E B		MOAKE
	31349	LECT-DISC	F2	2	M	W	F	252	ADMIN		KYLE
	31356	LECT-DISC	G1	3	M	W	F	142	ADMIN		ANDERSEN
ENGL	295	JUNIOR HONORS SEMINAR, I.									
		PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.									
		3 HOURS									
		*SECTION &L1 TOPIC: AMERICAN TRANSCENDENTALISM (SATISFIES AREA I REQUIREMENT.)									
		*SECTION &M1 TOPIC: MOLIERE AND THE ENGLISH RESTORATION COMEDY OF MANNERS (SATISFIES AREA II REQUIREMENT).									
		*SECTION &M2 TOPIC: POPULAR LITERATURE AND POPULAR CULTURE.									
	31363	LECT-DISC	*&L1	9-11			TH	210B	E B		WHISNANT
	31371	LECT-DISC	*&M1	10-12			TH	194	L H		KAUFMAN
	31388	LECT-DISC	*&M2	10-12			TU	194	L H		ALLEN

ENGL 297 SENIOR HONORS SEMINAR.
 PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS
 WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT
 OF INSTRUCTOR.
 3 HOURS
 *TOPIC: CHAUCER.
 31395 LECT-DISC *EH 4-6 M 210A E B TRAHERN

ENGL 298 SENIOR HONORS TUTORIAL.
 PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS
 WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT
 OF INSTRUCTOR.
 3 HOURS
 31406 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ENGL 303 HISTORICAL INTRODUCTION TO THE ENGLISH LANGUAGE.
 PREREQUISITE: ENGL. 386.
 3 HOURS OR 3/4 UNIT
 31413 LECT-DISC B 9 M W F 259 E B NEMANICH
 31421 LECT-DISC X 12 M W F 105 H H NEMANICH
 31438 LECT-DISC F 2 M W F 224 D K H CABLE

ENGL 310 LITERATURE FOR THE HIGH SCHOOL.
 3 HOURS OR 3/4 UNIT
 31445 LECT-DISC D1 11 M W F 209 E B MATTHEWS
 31452 LECT-DISC X1 12 M W F 209 E B MATTHEWS
 31460 LECT-DISC H1 4-530 TU TH 117 E B HOETKER
 31477 LECT-DISC H2 4-530 M W 117 E B HOETKER

ENGL 311 CHAUCER.
 3 HOURS OR 3/4 UNIT
 31484 LECT-DISC F 2 M W F 140 ADMIN STILLWELL

ENGL 325 ENGLISH LITERATURE FROM 1500 TO 1660.
 3 HOURS OR 3/4 UNIT
 31491 LECT-DISC C 10 M W F 205 E B DUNDAS

ENGL 326 SPENSER AND HIS CONTEMPORARIES.
 PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE.
 3 HOURS OR 3/4 UNIT
 31502 LECT-DISC K 8 TU TH 140 ADMIN SCANLON
 K 9 TU 140 ADMIN SCANLON

ENGL 336 ENGLISH DRAMA EXCLUSIVE OF SHAKESPEARE.
 3 HOURS OR 3/4 UNIT
 31510 LECT-DISC X 12 M W F 282 BEV HALL SHAPIRO

ENGL 339 COMEDY.
 3 HOURS OR 3/4 UNIT
 31527 LECT-DISC G 3 M W F 223 E B SHATTUCK

ENGL 340 SATIRE.
 3 HOURS OR 3/4 UNIT
 31534 LECT-DISC P 1 TU TH 140 ADMIN DUSSINGER
 P 2 TU 140 ADMIN DUSSINGER

ENGL 342 THE POETRY OF MILTON.
 3 HOURS OR 3/4 UNIT
 31541 LECT-DISC E 1 M W F 15 D K H JACOBS

ENGL 345 THE METAPHYSICAL POETS.
 3 HOURS OR 3/4 UNIT
 31559 LECT-DISC X 12 M W F 117 E B GUIBBORY

ENGL 348 SWIFT, POPE, AND FIELDING.
 PREREQUISITE: A COURSE IN ENGLISH LITERATURE.
 3 HOURS OR 3/4 UNIT
 31566 LECT-DISC D 11 M W F 240 L H HOTCH

ENGL	352	AMERICAN LITERATURE: IRVING TO WHITMAN.							
		3 HOURS OR 3/4 UNIT							
	31573	LECT-DISC	P	1	TU TH	137	ADMIN		BAYM
			P	2	TH	137	ADMIN		BAYM
ENGL	359	THE INTERNATIONAL FOLK TALE.							
		SAME AS C. LIT. 359.							
		3 HOURS OR 3/4 UNIT							
	31581	LECT-DISC	D	11	M W F	205	E B		FLANAGAN
ENGL	370	THEORY AND PRACTICE OF WRITTEN COMPOSITION.							
		3 HOURS OR 3/4 UNIT							
	31598	LECT-DISC	B	9	M W F	240	L H		HOLMES
	31609	LECT-DISC	H	4-530	M W	205	E B		ODONNELL
ENGL	371	HISTORY AND PRINCIPLES OF LITERARY AND RHETORICAL CRITICISM:							
		ARISTOTLE TO SIDNEY.							
		SAME AS SPCH. 371.							
		PREREQUISITE: SENIOR STANDING.							
		3 HOURS, OR 1/2 OR 1 UNIT							
	31616	LECT-DISC	R	2	TU TH	252	ADMIN		PURAVS
			R	3	TU	252	ADMIN		PURAVS
ENGL	378	MODERN AMERICAN AND BRITISH FICTION IN ITS EUROPEAN BACKGROUND							
		PREREQUISITE: TWO COLLEGE-LEVEL LITERATURE COURSES.							
		3 HOURS OR 3/4 UNIT							
	31623	LECT-DISC	C	10	M W F	142	ADMIN		ADELMAN
ENGL	386	MODERN ENGLISH GRAMMAR AND USAGE.							
		3 HOURS OR 3/4 UNIT							
		*TOPIC--EMPHASIS ON TRANSFORMATIONAL GRAMMAR.							
	31631	LECT-DISC	A	8	M W F	137	ADMIN		HURT
	31648	LECT-DISC	B	9	M W F	206	D K H		TIBBETTS
	31655	LECT-DISC	D	11	M W F	105	H H		NEMANICH
	31670	LECT-DISC	*X	12	M W F	210B	E B		FOX
	31662	LECT-DISC	H	4	M W F	209	E B		BOUTON
ENGL	392	TYPOGRAPHIC DISCIPLINES OF THE BOOK.							
		SAME AS JOURN. AND LIB. S. 310.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		3 HOURS OR 1/2 UNIT							
	31687	LECT-DISC	A	8	M W F	206	D K H		CHAPDU
ENGL	394	INTRODUCTION TO FOLKLORE: HISTORY, THEORY, METHODS.							
		SAME AS SPCH. 346 AND C. LIT., GER., AND SLAV. 394.							
		PREREQUISITE: A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE							
		RECOMMENDED.							
		3 HOURS OR 3/4 UNIT							
	31694	LECT-DISC	D	11	M W F	201	E B		A GREEN

COURSES FOR GRADUATES

ENGL	401	OLD ENGLISH--ANGLO SAXON.							
		1 UNIT							
	31705	LECT-DISC	G	3	M W F	210A	E B		CABLE
ENGL	406	MIDDLE ENGLISH LITERATURE AND ITS CULTURAL BACKGROUND.							
		1 UNIT							
	31712	LECT-DISC	C	10	M W F	223	E B		R GREEN
ENGL	407	STUDIES IN CHAUCER AND HIS TIMES, I							
		1 UNIT							
	31720	LECT-DISC	C	10-12	W	309	LIB		WRIGHT
ENGL	411	STUDIES IN SIXTEENTH CENTURY LITERATURE, I.							
		1 UNIT							
	31737	LECT-DISC	G	3-5	TU	119	E B		MILLIGAN
ENGL	413	STUDIES IN SHAKESPEARE.							
		1 UNIT							
	31744	LECT-DISC	F	10-12	F	309	LIB		

ENGL	414	STUDIES IN ELIZABETHAN DRAMA. PREREQUISITE: GRADUATE STANDING. 1 UNIT	31751	LECT-DISC	M	10	TU TH	108	E B	HOLADAY
ENGL	417	STUDIES IN SEVENTEENTH CENTURY POETRY AND MILTON, 1600-1640. 1 UNIT	31769	LECT-DISC	N	11	TU TH	210B	E B	M KAUFMANN
ENGL	421	STUDIES IN EIGHTEENTH CENTURY LITERATURE, I. 1 UNIT	31776	LECT-DISC	A	8	M W	309	LIB	RHODES
ENGL	423	STUDIES IN THE EIGHTEENTH CENTURY NOVEL. 1 UNIT	31783	LECT-DISC	M	10	TU TH	119	E B	GOLD
ENGL	427	STUDIES IN THE ROMANTIC MOVEMENT, I. SAME AS C. LIT. 452. 1 UNIT	31791	LECT-DISC	R	2	TU TH	194	L H	WILKIE
ENGL	431	STUDIES IN VICTORIAN LITERATURE I. 1 UNIT	31801	LECT-DISC	E	1	TU TH	210B	E B	SMALLEY
			31819	LECT-DISC	G	3-5	W	210B	E B	SCHNEIDER
ENGL	433	MAJOR MOVEMENTS IN MODERN BRITISH POETRY AND DRAMA. 1 UNIT	31826	LECT-DISC	G1	3-5	TU	137	ADMIN	BRANDABUR
			31833	LECT-DISC	L	9	TU TH	309	LIB	LOFTUS
ENGL	437	STUDIES IN AMERICAN LITERATURE--1600 TO 1800. PREREQUISITE: A SURVEY COURSE IN AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR. 1 UNIT	31841	LECT-DISC	G	3-5	TU	223	E B	DAVIDSON
ENGL	438	STUDIES IN AMERICAN LITERATURE AFTER 1800. PREREQUISITE: SURVEY COURSE IN AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR. 1 UNIT	31858	LECT-DISC	U	3-5	TU	201	E B	BAYM
ENGL	447	BACKGROUND MATERIALS FOR HIGH SCHOOL TEACHERS OF ENGLISH. 1 UNIT	31865	LECT-DISC	H	4-6	TU	108	E B	HOOK
ENGL	448	LITERARY ANALYSIS FOR TEACHERS OF ENGLISH. PREREQUISITE: TEACHING EXPERIENCE. 1 UNIT	31872	LECT-DISC	V	7-9PM	TU	117	E B	HOETKER
ENGL	458	PROBLEMS IN SIXTEENTH-CENTURY LITERATURE. PREREQUISITE: A GRADUATE COURSE IN 16TH CENTURY LITERATURE OR CONSENT OF INSTRUCTOR. 1 UNIT	31880	LECT-DISC	G	3-5	TH	223	E B	MILLIGAN
ENGL	462	PROBLEMS IN TUDOR DRAMA. 1 UNIT	31897	LECT-DISC	G	3	TU TH	108	E B	HOLADAY
ENGL	466	PROBLEMS IN SEVENTEENTH-CENTURY METAPHYSICAL POETRY AND PROSE. PREREQUISITE: ENGL. 345 OR 417, OR CONSENT OF INSTRUCTOR. 1 UNIT	31908	LECT-DISC	K	8-10	TU	210B	E B	M KAUFMANN

ENGL 469	THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS. SAME AS SPCH. AND THEAT. 469. PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY, CONSENT OF INSTRUCTOR. 1 UNIT											
31915	LECT-DISC	1	M	W	F	194	L	H			SHATTUCK	
ENGL 471	PROBLEMS IN EIGHTEENTH-CENTURY LITERATURE. PREREQUISITE: ENGL. 421, 422, OR EQUIVALENT OR CONSENT OF INSTRUCTOR. 1 UNIT											
31922	LECT-DISC	M	10-12		TH	309	LIB				DUSSINGER	
ENGL 476	PROBLEMS IN ROMANTIC LITERATURE. SAME AS C. LIT. 453. 1 UNIT											
31930	LECT-DISC	G	3	M	W	329	G	H			WILKIE	
ENGL 478	PROBLEMS IN PROSE FICTION, II. PREREQUISITE: SECOND-YEAR GRADUATE STANDING. 1 UNIT											
31947	LECT-DISC	B	9	M	W	309	LIB				KRAMER	
ENGL 484	PROBLEMS IN TWENTIETH CENTURY ENGLISH LITERATURE. PREREQUISITE: CONSENT OF INSTRUCTOR, OR A SURVEY OF ENGLISH LITERATURE. 1 UNIT TOPIC: PROSE OF JAMES JOYCE.											
31954	LECT-DISC	N	11		TU TH	307	E	B			LOFTUS	
ENGL 486	PROBLEMS IN AMERICAN CRITICISM AND AMERICAN CULTURE. PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR. 1 UNIT *TOPIC P: LANGUAGE, LITERATURE AND MEDIA.											
31961	LECT-DISC	*N	10-12		TU	309	LIB				SANDERS	
ENGL 488	PROBLEMS IN AMERICAN LITERATURE AND CULTURE. PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR. *STUDENTS MAY REPEAT COURSE FOR CREDIT. *1 UNIT *SECTION H TOPIC: PROBLEMS IN SOUTHERN FICTION.											
31979	LECT-DISC	H	4-6		F	210A	E	B			HENDRICK	
ENGL 491	RESEARCH IN SPECIAL TOPICS. *THIS COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS *1 UNIT SECTION G REQUIRES CONCURRENT REGISTRATION IN ENGLISH 101, G1. SECTION Y IS FOR STUDENTS WHO WILL TEACH ENGLISH 115. SECTION Z REQUIRES CONCURRENT REGISTRATION IN ENGLISH 116, D.											
31993	LECT-DISC	G	3-5		W	154	ADMIN				PURVES	
		G	4		F	154	ADMIN				PURVES	
32006	LECT-DISC	Y	ARR								CAMPBELL	
32013	LECT-DISC	Z	ARR								DAVIDSON	
31986	CONF		ARR								STAFF	
ENGL 497	INDEPENDENT READING. PREREQUISITE: CONSENT OF INSTRUCTOR OF REQUISITE 300 LEVEL COURSE. *STUDENTS MAY ACCUMULATE 1/2 UNIT. *1/4 UNIT											
32021	CONF		ARR									
32038	CONF	A	ARR									
ENGL 499	THESIS RESEARCH. 0 TO 4 UNITS INSTRUCTORS: ALTENBERND, ASTON, BERRY, BRANDABUR, CAMPBELL, DAVIDSON, FLANAGAN, R. GREEN, HENDRICK, HOLADAY, HOOK, J. M. KAUFMANN, KRAMER, LOFTUS, MARDER, MILLIGAN, PURVES SCOTT, SHATTUCK, SMALLEY, STILLINGER, WILKIE, AND WILSON.											
32045	CONF		ARR									

ENTOMOLOGY

DEPARTMENT OFFICE

320 MOR HALL

MAJOR: TWENTY HOURS IN ENTOMOLOGY, EXCLUDING ENTOM. 101, 103 ZOOLOG. 318 AND 321 MAY BE APPLIED FOR MAJOR CREDIT. AT LEAST FIVE HOURS MUST BE TAKEN FROM THE ADVANCED GROUP.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: AGRONOMY, BOTANY, CHEMISTRY, HORTICULTURE, MICROBIOLOGY, PHYSIOLOGY, AND ZOOLOGY.

AS A GENERAL POLICY, STUDENTS WHO CONTEMPLATE EVENTUAL CAREERS IN ENTOMOLOGY ARE URGED TO USE THE UNDERGRADUATE YEARS TO GAIN THOROUGH GROUNDING IN THE FUNDAMENTALS OF PHYSICAL AND BIOLOGICAL SCIENCE, IN MATHEMATICS AND THE OTHER LIBERAL ARTS, AND IN THE TECHNIQUES OF COMMUNICATION. THE DEPARTMENT IS GLAD TO ADVISE STUDENTS IN REGARD TO THE MOST EFFECTIVE SCHEDULE OF STUDY TO SUIT THEIR PARTICULAR NEEDS.

COURSES FOR UNDERGRADUATES

ENTOM 101 AGRICULTURAL ENTOMOLOGY.

3 HOURS								
32052	LECT		11	M W		217	M E L	WALDBAUER
32060	LAB	A	10-12		F	309	H H	WALDBAUER
32077	LAB	B	10-12		TH	309	H H	WALDBAUER

ENTOM 103 LIFE OF INSECTS.

4 HOURS								
32084	LECT		10	TU TH		314	A H	MACLEOD
32091	LAB	A	8-10	M W		309	H H	MACLEOD
32102	LAB	B	10-12	M W		309	H H	MACLEOD
32110	LAB	C	12-2	M W		309	H H	MACLEOD
32127	LAB	D	2-4	M W		309	H H	MACLEOD
32134	LAB	E	4-6	M W		309	H H	MACLEOD
32141	LAB	F	8-10	TU TH		309	H H	MACLEOD
32159	LAB	G	12-2	TU TH		309	H H	MACLEOD
32166	LAB	H	2-4	TU TH		309	H H	MACLEOD
32173	LAB	I	4-6	TU TH		309	H H	MACLEOD
32181	LAB	J	8-10		FS	309	H H	MACLEOD

ENTOM 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.								
*0 TO 9 HOURS								
32198	CONF		ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ENTOM 306 SPECIAL PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.								
2 TO 5 HOURS, OR 1/4 OR 1 UNIT								
32209	CONF		ARR					STAFF

ENTOM 319 FUNDAMENTALS OF INSECT CONTROL.

PREREQUISITE: BIOL. 111 AND CHEM. 101, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.								
4 HOURS OR 1 UNIT								
32216	LECT		1	M W		164	N L	BOOTH AND
	LAB		2-4	M W		215	MOR HALL	METCALF

ENTOM 361 INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES.

SAME AS HORT. 361 AND ZOOLOG. 361.								
PREREQUISITE: ONE SEMESTER OF ENTOM. OR ZOOLOG.								
2 HOURS OR 1/2 UNIT								
32223	LECT-DISC		1	TU TH		W115	T H	JAYCOX

COURSES FOR GRADUATES

ENTOM 410 INSECT MORPHOLOGY.

PREREQUISITE: BIOL. 111 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

1 UNIT

32231	LECT	9	M W	123	BUR HALL	LARSEN AND
	LAB	10-12	M W	315	MOR HALL	STERNBURG

ENTOM 413 MEDICAL AND VETERINARY ENTOMOLOGY.

PREREQUISITE: ENTOM. 103 OR 302, OR ZOOL. 320, AND CONSENT OF INSTRUCTOR.

1 UNIT

32248	LECT	1	TU TH	407	MOR HALL	HORSFALL
	LAB	2-4	TU TH	407	MOR HALL	HORSFALL

ENTOM 424 ADVANCED INSECT PHYSIOLOGY.

PREREQUISITE: ENTOM. 422, CHEM. 350, AND CONSENT OF INSTRUCTOR.

1 UNIT

32255	LAB-DISC	9-12	TU TH	315	MOR HALL	FRIEDMAN AND LARSEN
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ENTOM 426 SEMINAR IN ENTOMOLOGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.

*0 OR 1/4 UNIT

32262	LECT	ARR				STAFF
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ENTOM 499 THESIS--RESEARCH.

0 TO 4 UNITS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--MORPHOLOGY AND EMBRYOLOGY OF INSECTS	LARSEN, MACLEOD, STERNBURG
B--APPLIED AND MEDICAL ENTOMOLOGY	HORSFALL, KEARNS, LUCKMANN
	METCALF
C--SYSTEMATIC ENTOMOLOGY	MACLEOD, SELANDER,
	STANNARD
D--BIOLOGY AND ECOLOGY OF INSECTS	GHEAT, HORSFALL, JAYCOX
	WALDBAUER
E--INSECT PHYSIOLOGY & TOXICOLOGY	FRAENKEL, FRIEDMAN,
	KEARNS, LARSEN, METCALF,
	STERNBURG, WALDBAUER,
	WILLIS

32270	CONF	ARR
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FINANCE

DEPARTMENT OFFICE

340 COM W

REQUIREMENTS FOR L. A. S. STUDENTS

MAJOR: TWENTY HOURS IN FINANCE. A FINANCE MAJOR WHO CHOOSES ECONOMICS AS A MINOR MUST INCLUDE ALSO TWELVE HOURS IN A SECOND MINOR.

ECON. 108 OR ECON. 102 AND 103, ARE FUNDAMENTAL COURSES IN ECONOMICS AND ARE PREREQUISITES FOR COURSES IN FINANCE. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN FINANCE SHOULD TAKE ECON. 108, OR ECON. 102 AND 103, IN THEIR SOPHOMORE YEAR. LIBERAL ARTS MAJORS IN FINANCE ARE ADVISED STRONGLY TO ELECT ACCY. 201 AND A COURSE IN STATISTICS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY. THE CURRICULUM IN LATIN-AMERICAN STUDIES IS ACCEPTED AS A MINOR.

COURSES FOR UNDERGRADUATES

FIN 150 MONEY, CREDIT, AND BANKING.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

32287	LECT-DISC	B	9	M	W	F	123	D	K	H
32294	LECT-DISC	C	10	M	W	F	123	D	K	H
32305	LECT-DISC	D	11	M	W	F	123	D	K	H
32312	LECT-DISC	E	1	M	W	F	123	D	K	H
32320	LECT-DISC	F	2	M	W	F	123	D	K	H

FIN 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

32337	CONF	ARR
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COURSES FOR ADVANCED UNDERGRADUATES

FIN 254 AN INTRODUCTION TO BUSINESS FINANCIAL MANAGEMENT.

PREREQUISITE: ACCY. 105 OR 201, FIN. 150,

CREDIT OR REGISTRATION IN ECON. 172.

*CREDIT IS NOT GIVEN FOR BOTH FIN. 254 AND FIN. 257.

*3 HOURS

32344	LECT-DISC	A1	8	M	W	F	123	D	K	H
32351	LECT-DISC	A2	8	M	W	F	28	COM	W	
32369	LECT-DISC	X1	12	M	W	F	219	D	K	H
32376	LECT-DISC	X2	12	M	W	F	123	D	K	H
32383	LECT-DISC	E	1	M	W	F	317	D	K	H
32458	LECT-DISC	GG1	3	M	W	F	28	COM	W	
32391	LECT-DISC	G2	3	M	W	F	123	D	K	H
32401	LECT-DISC	H1	4	M	W	F	123	D	K	H
32419	LECT-DISC	H2	4	M	W	F	28	COM	W	
32426	LECT-DISC	L	8-10	TU			123	D	K	H
		L	9		TH		123	D	K	H
32433	LECT-DISC	N	10-12	TU			123	D	K	H
		N	11		TH		123	D	K	H
32441	LECT-DISC	R	1-3	TU			123	D	K	H
		R	1		TH		123	D	K	H

LEONARD

FIN 255 FINANCING CORPORATE CONSOLIDATION AND REORGANIZATION.

PREREQUISITE: FIN. 254.

3 HOURS

32465	LECT-DISC	C	10	M	W	F	219	D	K	H
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OSBORN

FIN 257 CORPORATION FINANCE.

FOR NON-COMMERCE STUDENTS ONLY.

PREREQUISITE: ECON. 103 OR 108.

CREDIT IS NOT GIVEN FOR BOTH FIN. 257 AND FIN. 254.

3 HOURS

32472	LECT-DISC	A	8	M	W	F	219	D	K	H
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OSBORN

FIN 258 THE MONEY MARKET AND AMERICAN FINANCIAL INSTITUTIONS.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

32480	LECT-DISC	B	9	M	W	F	317	D	K	H
32497	LECT-DISC	C	10	M	W	F	317	D	K	H
32508	LECT-DISC	D	11	M	W	F	317	D	K	H
32515	LECT-DISC	F	2	M	W	F	219	D	K	H

FIN 259 INVESTMENT.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

32522	LECT		11			F	141	COM	W	
32530	LECT-DISC	D	11	M	W		226	COM	W	
32547	LECT-DISC	M	9	TU	TH		219	D	K	H
32554	LECT-DISC	N	10	TU	TH		219	D	K	H
32561	LECT-DISC	R	1	TU	TH		219	D	K	H
32579	LECT-DISC	S	2	TU	TH		219	D	K	H

MAYER

FIN	260	ECONOMICS OF INSURANCE.									
		PREREQUISITE: ECON. 103 OR 108.									
		3 HOURS									
	32586	LECT-DISC	B	9	M	W	F	226	COM W		CAMMACK
	32593	LECT-DISC	C	10	M	W	F	226	COM W		CAMMACK
	32604	LECT-DISC	L	8-10		TU		28	COM W		
			L	8			TH	28	COM W		
	32611	LECT-DISC	N	10-12		TU		28	COM W		
			N	10			TH	28	COM W		
FIN	262	LIFE INSURANCE.									
		PREREQUISITE: ECON. 103 OR 108.									
		3 HOURS									
	32629	LECT-DISC	A	8	M	W	F	226	COM W		FORBES
	32636	LECT-DISC	B	9	M	W	F	28	COM W		FORBES
FIN	264	INTRODUCTION TO URBAN REAL ESTATE AND LAND ECONOMICS.									
		PREREQUISITE: ECON. 103 OR 108.									
		*A STUDENT WILL NOT RECEIVE CREDIT FOR BOTH FIN. 264 AND 368.									
		*3 HOURS									
	32643	LECT-DISC	A	8	M	W	F	317	D K H		GUNTERMANN
	32651	LECT-DISC	F	2	M	W	F	28	COM W		GUNTERMANN
FIN	266	REAL ESTATE DEVELOPMENT AND FINANCING.									
		PREREQUISITE: FIN. 264.									
		3 HOURS									
	32668	LECT-DISC	D	11	M	W	F	28	COM W		GUNTERMANN
FIN	294	SENIOR RESEARCH.									
		PREREQUISITE: SENIOR STANDING.									
		2 TO 4 HOURS									
	32675	LECT-DISC	UTH	4-6		TU		317	D K H		

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FIN	350	CAPITAL INVESTMENT MANAGEMENT.									
		PREREQUISITE: FIN. 254.									
		3 HOURS, OR 1/2 TO 1 UNIT									
	32682	LECT-DISC	D	11	M	W	F	219	D K H		GENTRY
FIN	360	EMPLOYEE BENEFIT PLANS.									
		SAME AS L.I.R. 360.									
		PREREQUISITE: FIN. 260, ECON. 240, OR I. ADM. 351; OR									
		CONSENT OF INSTRUCTOR.									
		3 HOURS, OR 1/2 TO 1 UNIT									
	32690	LECT-DISC	N	10-12		TU		226	COM W		
			N	10			TH	226	COM W		
FIN	368	SURVEY OF URBAN REAL ESTATE.									
		PREREQUISITE: SIX HOURS OF ECONOMICS OR CONSENT OF INSTRUCTOR.									
		*A STUDENT WILL NOT RECEIVE CREDIT FOR BOTH FIN. 264 AND 368.									
		*3 HOURS, OR 1/2 TO 1 UNIT									
	32701	LECT-DISC	B	9	M	W	F	219	D K H		COOPER
FIN	370	RISKS AND RISK MANAGEMENT.									
		PREREQUISITE: ONE OF THE FOLLOWING: ACCY. 105 OR 201; ECON. 103 OR									
		108; FIN. 254 OR 257.									
		3 HOURS, OR 1/2 TO 1 UNIT									
	32718	LECT-DISC	E	1	M	W	F	28	COM W		FORBES

COURSES FOR GRADUATES

FIN	420	CENTRAL BANKING POLICY.									
		1 UNIT									
	32725	LECT-DISC	STH	2-4		TH		317	D K H		ARLT
FIN	427	COMMERCIAL BANK MANAGEMENT.									
		PREREQUISITE: FIN. 150.									
		1 UNIT									
	32732	LECT-DISC	STU	2-4		TU		317	D K H		BRYAN

FIN	454	CORPORATION FINANCE.						
		PREREQUISITE: FIN. 254.						
		1 UNIT						
	32740	LECT-DISC	FF	2-4	F	317	D K H	VAN ARSDELL
FIN	456	INVESTMENT.						
		1 UNIT						
	32757	LECT-DISC	NTU	10-12	TU	317	D K H	MAYER
FIN	470	RISK MANAGEMENT AND CONTROL.						
		SAME AS B. ADM. 555.						
		PREREQUISITE: B. ADM. 552 AND 560, THEIR EQUIVALENTS, OR CONSENT OF INSTRUCTOR.						
		1 UNIT						
	32764	LECT-DISC	LTU	8-10	TU	130	COM W	MEHR
FIN	490	INDIVIDUAL STUDY AND RESEARCH.						
		1/2 TO 1 UNIT						
	32771	CONF		ARR				MAYER
FIN	499	THESIS RESEARCH.						
		0 TO 4 UNITS						
	32789	LECT-DISC	HW	4-6	W	317	D K H	MAYER
	32796	LECT-DISC	UTH	4-6	TH	317	D K H	MAYER

FOOD SCIENCE

DEPARTMENT OFFICE

213 M H

COURSES FOR ADVANCED UNDERGRADUATES

F S	201	PRINCIPLES OF FOOD AND DAIRY PRODUCT PROCESSING.						
		PREREQUISITE: CHEM. 102.						
		3 HOURS						
	32807	LECT-DISC		9	M W F	203	D M B	STEINBERG AND TUCKEY
F S	260	RAW MATERIALS FOR PROCESSING.						
		PREREQUISITE: BOT. 100 OR EQUIVALENT.						
		FIELD TRIPS.						
		4 HOURS						
	32814	LECT-DISC		8	TU TH	S WING H F L		NELSON, WEI
		LAB		9-11	TU TH	S WING H F L		

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

F S	300	SPECIAL PROBLEMS.						
		PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE ON PROBATION.						
		*MAXIMUM OF 2 UNITS ALLOWABLE CREDIT.						
		*1 TO 5 HOURS, OR 3/4 TO 1 1/2 UNITS						
		SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.						
	32821	CONF	A	ARR				STAFF
	32839	CONF	6B	ARR				STAFF
F S	301	FOOD PROCESSING.						
		PREREQUISITE: CHEM. 133 AND F. S. 201.						
		FIELD TRIPS.						
		4 HOURS OR 1 UNIT						
	32846	LECT		11	TU	316N M H		NELSON, WEI
				1	TU TH	S WING H F L		
		LAB		2-5	TU TH	S WING H F L		

F S 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT., AND
 V. M. S. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT

32853	LECT		9	TU TH	W109	T H	SEIF
32861	LAB-DISC	1	1-3	TU	W223	T H	
32878	LAB-DISC	2	3-5	TU	W223	T H	
32885	LAB-DISC	3	1-3	W	W223	T H	
32892	LAB-DISC	4	3-5	W	W223	T H	

F S 391 CHEMISTRY OF LIPIDS IN FOODS.
 PREREQUISITE: BIOL. 350 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT

32903	LECT		10	M W F	350	B R L	PERKINS
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F S 393 EXPERIMENTS IN LIPID CHEMISTRY.
 3 HOURS OR 3/4 UNIT

32911	LAB		1-5	M F	208	D M B	PERKINS
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COURSES FOR GRADUATES

F S 421 SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS IN FOOD SCIENCE.
 1/4 UNIT

32928	LECT-DISC		11	TH	N107	T H	STAFF
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F S 499 THESIS RESEARCH.
 0 TO 4 UNITS

32935	CONF		ARR				STAFF
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FORESTRY

DEPARTMENT OFFICE

219 M H

THE FORESTRY COURSES FOR ADVANCED UNDERGRADUATES ARE DESIGNED
 PRIMARILY FOR STUDENTS WHO ARE CANDIDATES FOR THE PROFESSIONAL
 DEGREE OF BACHELOR OF SCIENCE IN FORESTRY IN EITHER THE FOREST
 SCIENCE OR WOOD SCIENCE CURRICULUM. OTHER STUDENTS ARE ADMITTED
 TO MOST OF THESE COURSES, HOWEVER, IF THEY HAVE THE PREREQUISITES
 OR THE CONSENT OF THE INSTRUCTOR.

COURSES FOR UNDERGRADUATES

FOR 100 FARM FORESTRY.
 PREREQUISITE: ENROLLMENT IN COLLEGE OF AGRICULTURE, COLLEGE OF
 EDUCATION, OR CONSENT OF INSTRUCTOR.
 3 HOURS

32942	LECT-DISC		1	TU TH	205	F S L	CURTIN
	LAB-DISC		2-5	TU	205	F S L	

FOR 101 GENERAL FORESTRY.
 PREREQUISITE: ENROLLMENT IN A FORESTRY CURRICULUM OR SOPHOMORE
 STANDING.
 3 HOURS

32950	LECT-DISC		11	M W F	135	A S L	GILMORE
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FOR 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 32967 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

FOR 200 SPECIAL PROBLEMS.
 PREREQUISITE: A MINIMUM GRADE-POINT AVERAGE OF 3.75;
 SENIOR STANDING; CONSENT OF INSTRUCTOR AND HEAD OF
 DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED
 IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD
 SPECIAL PROBLEM COURSE.
 1 TO 3 HOURS
 *SECTION 8B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING
 MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
 WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
 INSTRUCTOR.
 32974 DISC ARR STAFF

FOR 213 SILVICULTURE.
 PREREQUISITE: FOR. 211.
 3 HOURS
 32981 LECT-DISC 10 M W F 205 F S L LORENZ
 32999 LECT-DISC 10 TU TH 205 F S L LORENZ
 33001 LAB-DISC A 1-5 M 205 F S L
 33019 LAB-DISC B 1-5 TH 205 F S L

FOR 220 DENDROLOGY.
 PREREQUISITE: BOT. 100.
 4 HOURS
 33026 LECT-DISC 10 TU TH 100 F S L CHOW

FOR 253 FOREST ECONOMICS.
 PREREQUISITE: ECON. 108.
 3 HOURS
 33033 LECT-DISC 11 M W F 205 F S L HOLLAND

FOR 260 FOREST LAND POLICY AND ADMINISTRATION.
 PREREQUISITE: ECON. 108 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 33041 LECT-DISC 9 M W F 205 F S L HOLLAND

FOR 272 PHYSICAL AND MECHANICAL PROPERTIES OF WOOD.
 PREREQUISITE: FOR. 271, T.A.M. 171 AND 172, OR CONSENT OF
 INSTRUCTOR.
 3 HOURS
 33058 LECT-DISC 8 TU TH 100 F S L CHOW
 LAB-DISC 1-4 TU 100 F S L

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FOR 316 ENVIRONMENT AND TREE GROWTH.
 PREREQUISITE: FOR. 211 OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 33065 LECT-DISC 8 TU TH 205 F S L FISHER
 LAB-DISC 11 TU TH 205 F S L GILMORE

FOR 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., HORT., AND
 V. M. S. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT
 33072 LECT 9 TU TH W109 T H SEIF
 33080 LAB-DISC 1 1-3 TU W223 T H
 33097 LAB-DISC 2 3-5 TU W223 T H
 33108 LAB-DISC 3 1-3 W W223 T H
 33115 LAB-DISC 4 3-5 W W223 T H

FOR	362	FOREST ENTOMOLOGY.						
		PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE AND ONE YEAR OF CHEMISTRY.						
		3 HOURS OR 3/4 UNIT						
	33122	LECT-DISC	9	TU TH	205	F S L		RENNELS
		LAB-DISC	3-5	TH	W223	T H		

COURSES FOR GRADUATES

FOR	400	SEMINAR.					
		REQUIRED OF ALL GRADUATE STUDENTS IN FORESTRY.					
		*STUDENTS MAY ACCUMULATE 1/2 UNIT.					
		*1/4 UNIT					
	33130	DISC	ARR				STAFF
FOR	401	SPECIAL PROBLEMS.					
		*NOT MORE THAN ONE UNIT MAY BE OFFERED TOWARD AN M.S. DEGREE.					
		*1/2 OR 1 UNIT					
	33147	CONF	ARR				STAFF
FOR	414	DISCUSSIONS IN FOREST ECOLOGY AND PHYSIOLOGY.					
		PREREQUISITE: CONSENT OF INSTRUCTOR.					
		*TOTAL CREDIT LIMITED TO ONE UNIT.					
		*1/4 UNIT					
	33154	CONF	ARR				STAFF
FOR	499	THESIS RESEARCH.					
		1 TO 3 UNITS					
	33161	CONF	ARR				STAFF

FRENCH

DEPARTMENT OFFICE

244 L H

MAJOR: TWO TYPES OF MAJOR PROGRAMS ARE OFFERED: THE MAJOR IN FRENCH LITERATURE AND THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS. BOTH MAJORS PROVIDE SUITABLE PREPARATION FOR GRADUATE STUDY IN THE APPROPRIATE AREAS. (THE MAJOR IN FRENCH LITERATURE PROVIDES PREPARATION FOR GRADUATE WORK IN FRENCH. THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS PREPARES FOR GRADUATE WORK IN LINGUISTICS (SEE LINGUISTICS IN GRADUATE COLLEGE BULLETIN), AND PROVIDES PREPARATION FOR GRADUATE WORK IN THE DEPARTMENT OF FRENCH WITH THE ADDITION OF APPROPRIATE COURSES IN FRENCH LITERATURE TO BE DETERMINED BY THE ADVISOR.)

THE MAJOR IN FRENCH LITERATURE MUST COMPLETE FRENCH 201-202 AND SIX SEMESTER COURSES IN FRENCH LITERATURE AT THE 200-LEVEL AND ABOVE, EXCLUDING FRENCH 255-256, WITH THE PROVISION THAT NO MORE THAN TWO COURSES MAY BE CHOSEN FROM THE GROUP 207-208-209. STUDENTS ARE STRONGLY ADVISED TO TAKE A YEARS WORK IN EUROPEAN HISTORY AND A YEARS WORK IN ENGLISH LITERATURE.

THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS MUST COMPLETE FRENCH 211-212 AND 20 HOURS OF COURSES AT THE 200-LEVEL AND ABOVE, INCLUDING FRENCH 201-202 AND FRENCH 311, 313, 314, AND 316. A MINOR, MINIMUM 8 HOURS, IS STRONGLY RECOMMENDED IN LINGUISTICS OR IN A SECOND FOREIGN LANGUAGE, SUBJECT TO THE PROVISIONS LISTED BELOW UNDER THE MINOR REQUIREMENTS. STUDENTS ARE STRONGLY ADVISED TO TAKE LINGUISTICS 300, INTRODUCTION TO LINGUISTICS.

STUDENTS WHO INTEND TO TEACH FRENCH IN SECONDARY SCHOOLS ARE REFERRED TO THE STATEMENT OF REQUIREMENTS UNDER TEACHER EDUCATION CURRICULA IN THE BULLETIN ON UNDERGRADUATE STUDY.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, EXCLUDING THE FIRST TWO SEMESTERS OF MODERN FOREIGN LANGUAGE AND RHETORIC 101 AND 102, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: EDUCATION, ENGLISH, GERMAN, GREEK, HISTORY, HUMANITIES, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SPANISH, OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC, NOT INCLUDING APPLIED MUSIC, COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISOR, OTHER SUBJECTS MAY BE SUBSTITUTED.

SEQUENCE OF COURSES: STUDENTS WITH NO PREVIOUS CREDIT IN FRENCH REGISTER IN FRENCH 101.
ENTERING STUDENTS WHO HAVE CREDIT IN FRENCH FROM HIGH SCHOOL MUST REGISTER IN THE COURSE INDICATED BY THE PLACEMENT TEST. STUDENTS WITH CREDIT FROM OTHER UNIVERSITIES REGISTER AS FOLLOWS: THOSE WITH ONE SEMESTER REGISTER IN FRENCH 102; WITH TWO SEMESTERS, IN FRENCH 103; WITH THREE SEMESTERS, IN FRENCH 104. STUDENTS WITH CREDITS IN HIGH SCHOOL FRENCH WHOSE PLACEMENT SCORE PUTS THEM BEYOND 104 AND STUDENTS WITH FOUR SEMESTERS OF COLLEGE FRENCH TAKEN ELSEWHERE MAY REGISTER IN THE 200-LEVEL COURSES BUT SHOULD BE GUIDED IN THE CHOICE OF COURSES BY AN ADVISOR IN THE DEPARTMENT OF FRENCH.

COURSES FOR UNDERGRADUATES

FR 101 ELEMENTARY COURSE, I.

FOR STUDENTS WHO HAVE NO CREDIT IN FRENCH.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR FR. 101 WITHOUT FR. 102.
4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.

*REGISTRATION IN REGULAR SECTIONS IS RESTRICTED TO STUDENTS WHO HAVE HAD NO PREVIOUS FRENCH. STUDENTS PLACED IN 101 THROUGH THE PLACEMENT EXAMINATION REGISTER FOR ONE OF THE STARRED SECTIONS.

33179	LECT-DISC	A1	8	MTU THF	216	L H
33550	LECT-DISC	*A2	8	MTU THF	331	ARMORY
33186	LECT-DISC	B1	9	MTU THF	331	ARMORY
33193	LECT-DISC	B2	9	MTU THF	303	N L
33204	LECT-DISC	B3	9	MTU THF	309A	H H
33211	LECT-DISC	C1	10	MTU THF	331	ARMORY
33567	LECT-DISC	*C2	10	MTU THF	303	N L
33229	LECT-DISC	C3	10	MTU THF	309A	H H
33236	LECT-DISC	D1	11	MTU THF	331	ARMORY
33243	LECT-DISC	D2	11	MTU THF	303	N L
33574	LECT-DISC	*D3	11	MTU THF	309A	H H
33251	LECT-DISC	E1	1	MTU THF	331	ARMORY
33268	LECT-DISC	E2	1	MTU THF	303	N L
33581	LECT-DISC	*E3	1	MTU THF	309A	H H
33275	LECT-DISC	E4	1	MTU THF	204N	H H
33282	LECT-DISC	F1	2	MTU THF	331	ARMORY
33290	LECT-DISC	F2	2	MTU THF	219	G H
33301	LECT-DISC	G1	3	MTU THF	331	ARMORY
33318	LECT-DISC	G2	3	MTU THF	303	N L
33325	LECT-DISC	H	4	MTU THF	331	ARMORY
33332	LECT-DISC	X1	12	MTU THF	216	L H
33340	LECT-DISC	X2	12	MTU THF	331	ARMORY
33357	LAB	T 3	8-830	TU F	202	L H
33364	LAB	T 4	830-9	TU F	202	L H
33371	LAB	T 5	9-930	TU F	202	L H
33389	LAB	T 6	930-10	TU F	202	L H
33396	LAB	T 7	10-1030	TU F	202	L H
33407	LAB	T 8	1030-11	TU F	202	L H
33414	LAB	T 9	11-1130	TU F	202	L H
33421	LAB	T10	1130-12	TU F	202	L H
33439	LAB	T11	12-1230	TU F	202	L H
33446	LAB	T12	1230-1	TU F	202	L H
33453	LAB	T13	1-130	TU F	202	L H
33461	LAB	T14	130-2	TU F	202	L H
33478	LAB	T15	2-230	TU F	202	L H
33485	LAB	T16	230-3	TU F	202	L H
33492	LAB	T17	3-330	TU F	202	L H
33503	LAB	T18	330-4	TU F	202	L H
33511	LAB	T19	4-430	TU F	202	L H
33528	LAB	T20	430-5	TU F	202	L H
33535	LAB	T21	5-530	TU F	202	L H
33542	LAB	T22	530-6	TU F	202	L H

FR	102	ELEMENTARY COURSE, II.				
		PREREQUISITE: FR. 101 OR ONE YEAR OF HIGH SCHOOL FRENCH.				
		4 HOURS				
		ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.				
		ENROLLMENT IN SECTION &G IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 101.				
33599	LECT-DISC	A1	8	MTU THF	362	ARMORY
33600	LECT-DISC	A2	8	MTU THF	303	N L
33617	LECT-DISC	B1	9	MTU THF	362	ARMORY
33624	LECT-DISC	B2	9	MTU THF	374	L H
33631	LECT-DISC	C1	10	MTU THF	362	ARMORY
33649	LECT-DISC	C2	10	MTU THF	374	L H
33656	LECT-DISC	D1	11	MTU THF	362	ARMORY
33663	LECT-DISC	D2	11	MTU THF	374	L H
33671	LECT-DISC	E	1	MTU THF	362	ARMORY
33916	LECT-DISC	F1	2	MTU THF	362	ARMORY
33688	LECT-DISC	F2	2	MTU THF	374	L H
33909	LECT-DISC	&G	3	MTU THF	362	ARMORY
33695	LECT-DISC	X	12	MTU THF	362	ARMORY
33706	LAB	T 3	8-830	TU F	202	L H
33713	LAB	T 4	830-9	TU F	202	L H
33721	LAB	T 5	9-930	TU F	202	L H
33738	LAB	T 6	930-10	TU F	202	L H
33745	LAB	T 7	10-1030	TU F	202	L H
33752	LAB	T 8	1030-11	TU F	202	L H
33760	LAB	T 9	11-1130	TU F	202	L H
33777	LAB	T10	1130-12	TU F	202	L H
33784	LAB	T11	12-1230	TU F	202	L H
33791	LAB	T12	1230-1	TU F	202	L H
33802	LAB	T13	1-130	TU F	202	L H
33810	LAB	T14	130-2	TU F	202	L H
33827	LAB	T15	2-230	TU F	202	L H
33834	LAB	T16	230-3	TU F	202	L H
33841	LAB	T17	3-330	TU F	202	L H
33859	LAB	T18	330-4	TU F	202	L H
33866	LAB	T19	4-430	TU F	202	L H
33873	LAB	T20	430-5	TU F	202	L H
33881	LAB	T21	5-530	TU F	202	L H
33898	LAB	T22	530-6	TU F	202	L H

FR	103	MODERN FRENCH, I.				
		PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.				
		4 HOURS				
		ALL STUDENTS IN THIS COURSE MAY REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS. REGISTRATION IN LANGUAGE LABORATORY IS OPTIONAL.				
		ENROLLMENT IN &B3 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 102.				
		REGISTRATION IN LECTURE-DISCUSSION/LAB COMBINATION SECTION F2P IS LIMITED TO STUDENTS WHO HAVE PREVIOUSLY BEEN ENROLLED IN A PLATO SECTION.				
33923	LECT-DISC	A1	8	MTU THF	113	D K H
33931	LECT-DISC	A2	8	MTU THF	219	G H
33948	LECT-DISC	A3	8	MTU THF	309A	H H
33955	LECT-DISC	B1	9	MTU THF	113	D K H
33962	LECT-DISC	B2	9	MTU THF	219	G H
34306	LECT-DISC	&B3	9	MTU THF	204N	H H
33970	LECT-DISC	C1	10	MTU THF	113	D K H
33987	LECT-DISC	C2	10	MTU THF	219	G H
33994	LECT-DISC	D1	11	MTU THF	113	D K H
34007	LECT-DISC	D2	11	MTU THF	219	G H
34014	LECT-DISC	E1	1	MTU THF	113	D K H
34021	LECT-DISC	E2	1	MTU THF	219	G H
34039	LECT-DISC	F1	2	MTU THF	113	D K H
34046	LECT-DISC	G1	3	MTU THF	113	D K H
34053	LECT-DISC	G2	3	MTU THF	219	G H
34061	LECT-DISC	H	4	MTU THF	113	D K H
34078	LECT-DISC	X1	12	MTU THF	113	D K H
34085	LECT-DISC	X2	12	MTU THF	219	G H
34092	LECT-DISC	X3	12	MTU THF	204N	H H
34313	LECT-DISC	F2P	2	MTU THF	903	N L
	LAB	F2P	3	TU TH	257	E R L
		F2P	11		257	E R L
34103	LAB	T 3	8-830	TU F	202	L H
34111	LAB	T 4	830-9	TU F	202	L H
34128	LAB	T 5	9-930	TU F	202	L H

PLATO
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PLATO

FR	103	CONTINUED						
	34135	LAB	T 6	930-10	TU	F	202	L H
	34142	LAB	T 7	10-1030	TU	F	202	L H
	34150	LAB	T 8	1030-11	TU	F	202	L H
	34167	LAB	T 9	11-1130	TU	F	202	L H
	34174	LAB	T10	1130-12	TU	F	202	L H
	34181	LAB	T11	12-1230	TU	F	202	L H
	34199	LAB	T12	1230-1	TU	F	202	L H
	34200	LAB	T13	1-130	TU	F	202	L H
	34217	LAB	T14	130-2	TU	F	202	L H
	34224	LAB	T15	2-230	TU	F	202	L H
	34231	LAB	T16	230-3	TU	F	202	L H
	34249	LAB	T17	3-330	TU	F	202	L H
	34256	LAB	T18	330-4	TU	F	202	L H
	34263	LAB	T19	4-430	TU	F	202	L H
	34271	LAB	T20	430-5	TU	F	202	L H
	34288	LAB	T21	5-530	TU	F	202	L H
	34295	LAB	T22	530-6	TU	F	202	L H

FR 104 MODERN FRENCH, II.
 PREREQUISITE: FR. 103 OR THREE YEARS OF HIGH SCHOOL FRENCH.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.
 *ENROLLMENT IN SECTION 602 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 103.
 REGISTRATION IN LECTURE-DISCUSSION/LAB COMBINATION SECTION E2P IS LIMITED TO STUDENTS WHO HAVE PREVIOUSLY BEEN ENROLLED IN A PLATO SECTION.
 *STUDENTS REGISTERING IN FRENCH 104 ARE ASKED TO KEEP THE FOLLOWING IN MIND: SECTION A1 EMPHASIZES THE NATURAL SCIENCES; SECTIONS C2 AND F2 EMPHASIZE FRENCH CIVILIZATION; SECTIONS G2 AND X2 EMPHASIZE THE SOCIAL SCIENCES.

34612	LECT-DISC	*A1	8	MTU THF	212	D K H	
34321	LECT-DISC	A2	8	MTU THF	204N	H H	
34338	LECT-DISC	B	9	MTU THF	212	D K H	
34345	LECT-DISC	C1	10	MTU THF	212	D K H	
34637	LECT-DISC	*C2	10	MTU THF	301	N L	
34352	LECT-DISC	D1	11	MTU THF	212	D K H	
34620	LECT-DISC	*D2	11	MTU THF	301	N L	
34360	LECT-DISC	E1	1	MTU THF	212	D K H	
34377	LECT-DISC	F1	2	MTU THF	212	D K H	
34644	LECT-DISC	*F2	2	MTU THF	301	N L	
34384	LECT-DISC	G1	3	MTU THF	212	D K H	
34651	LECT-DISC	*G2	3	MTU THF	301	N L	
34391	LECT-DISC	H	4	MTU THF	212	D K H	
34402	LECT-DISC	X1	12	MTU THF	212	D K H	
34669	LECT-DISC	*X2	12	MTU THF	301	N L	
34676	LECT-DISC	E2P	1	MTU THF	301	N L	
	LAB	E2P	3	M W F	257	E R L	
34410	LAB	T 3	8-830	TU	F	210	L H
34427	LAB	T 4	830-9	TU	F	210	L H
34434	LAB	T 5	9-930	TU	F	210	L H
34441	LAB	T 6	930-10	TU	F	210	L H
34459	LAB	T 7	10-1030	TU	F	210	L H
34466	LAB	T 8	1030-11	TU	F	210	L H
34473	LAB	T 9	11-1130	TU	F	210	L H
34481	LAB	T10	1130-12	TU	F	210	L H
34498	LAB	T11	12-1230	TU	F	210	L H
34509	LAB	T12	1230-1	TU	F	210	L H
34516	LAB	T13	1-130	TU	F	210	L H
34523	LAB	T14	130-2	TU	F	210	L H
34531	LAB	T15	2-230	TU	F	210	L H
34548	LAB	T16	230-3	TU	F	210	L H
34555	LAB	T17	3-330	TU	F	210	L H
34562	LAB	T18	330-4	TU	F	210	L H
34570	LAB	T19	4-430	TU	F	210	L H
34587	LAB	T20	430-5	TU	F	210	L H
34594	LAB	T21	5-530	TU	F	210	L H
34605	LAB	T22	530-6	TU	F	210	L H

PLATO
 PLATO

FR 105 INTENSIVE ELEMENTARY FRENCH.
 8 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HOURS PER WEEK OF LANGUAGE LABORATORY TO BE ARRANGED THROUGH THE INSTRUCTOR.
 34683 LECT-DISC 8-10 MTU THF 301 N L

FR	106	INTENSIVE INTERMEDIATE FRENCH.					
		PREREQUISITE: FR. 102 OR 105 OR EQUIVALENT.					
		8 HOURS					
	34691	LECT-DISC	2-4	MTU THF	204N	H H	
FR	107	READINGS IN FRENCH.					
		PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103.					
		3 HOURS					
	34701	LECT-DISC	2	M W F	309A	H H	VARKONYI
FR	111	CONVERSATIONAL FRENCH.					
		PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103.					
		4 HOURS					
	34719	LECT-DISC	2	MTU THF	216	L H	
FR	113	CONVERSATIONAL PRACTICE.					
		PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH, CONCURRENT REGISTRATION IN FR. 103 OR 104.					
		1 HOUR					
		ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR LANGUAGE LABORATORY PERIODS SELECTING ONE SECTION FROM THE M3 TO M26 SECTIONS.					
	34726	LECT-DISC	D1	2	M	TH	432 ARMORY
	34733	LECT-DISC	D2	2	TU	F	432 ARMORY
	34741	LAB	M 3	8-830	M	W	210 L H
	34758	LAB	M 4	830-9	M	W	210 L H
	34765	LAB	M 5	9-930	M	W	210 L H
	34772	LAB	M 6	930-10	M	W	210 L H
	34780	LAB	M 7	10-1030	M	W	210 L H
	34797	LAB	M 8	1030-11	M	W	210 L H
	34808	LAB	M 9	11-1130	M	W	210 L H
	34815	LAB	M10	1130-12	M	W	210 L H
	34822	LAB	M11	12-1230	M	W	210 L H
	34830	LAB	M12	1230-1	M	W	210 L H
	34847	LAB	M13	1-130	M	W	210 L F
	34854	LAB	M14	130-2	M	W	210 L H
	34861	LAB	M15	2-230	M	W	210 L H
	34879	LAB	M16	230-3	M	W	210 L H
	34886	LAB	M17	3-330	M	W	210 L H
	34893	LAB	M18	330-4	M	W	210 L H
	34904	LAB	M19	4-430	M	W	210 L H
	34911	LAB	M20	430-5	M	W	210 L H
	34929	LAB	M21	5-530	M	W	210 L H
	34936	LAB	M22	530-6	M	W	210 L H
	34943	LAB	M25	7-730PM	M	W	210 L H
	34951	LAB	M26	730-8PM	M	W	210 L H
FR	199	UNDERGRADUATE OPEN SEMINAR.					
		*MAY BE REPEATED.					
		*0 TO 9 HOURS					
		*SECTION F IS FOR THOSE RESIDING IN FRENCH HOUSE.					
		*SECTION M IS FOR THOSE ENROLLED IN FRENCH 282.					
		*SECTION P IS FOR THOSE ENROLLED IN FRENCH TEACHING EDUCATION.					
	34968	CONF	A	1	W	236	L H JAHIEL
	35002	CONF	B	ARR			
	34975	CONF	*F	ARR			
	34982	CONF	*M	ARR			
	34990	CONF	*P	ARR			

COURSES FOR ADVANCED UNDERGRADUATES

FR	201	INTRODUCTION TO FRENCH LITERATURE, I.					
		PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.					
		3 HOURS					
		*ENROLLMENT IN 6E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.					
	35010	LECT-DISC	B1	9	M	W F	3 G H
	35027	LECT-DISC	B2	9	M	W F	302 L H
	35034	LECT-DISC	C	10	M	W F	3 G H
	35041	LECT-DISC	D	11	M	W F	3 G H
	35066	LECT-DISC	*6E	1	M	W F	3 G H
	35059	LECT-DISC	F	2	M	W F	3 G H

FR	202	INTRODUCTION TO FRENCH LITERATURE, II. PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH. 3 HOURS									
	35073	LECT-DISC	D	11	M	W	F	302	L	H	
	35081	LECT-DISC	E	1	M	W	F	302	L	H	
FR	203	SELECTIONS IN CONTEMPORARY FRENCH LITERATURE. PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT. 2 HOURS *DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.									
	35098	LECT-DISC		*1-230	M	TH		262	L	H	SHINALL
FR	211	ORAL FRENCH, I PREREQUISITE: FR. 104 OR 106, OR 103 AND 113, OR FOUR YEARS OF HIGH SCHOOL FRENCH. PRACTICE IN LANGUAGE LABORATORY IS REQUIRED. 3 HOURS PRACTICE IN LANGUAGE LABORATORY IS OPTIONAL. ENROLLMENT IN SECTION 6D2 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.									
	35109	LECT-DISC	A1	8	MTU	THF		325	G	H	
	35116	LECT-DISC	A2	8	MTU	THF		206	H	H	
	35123	LECT-DISC	B1	9	M	W	F	325	G	H	
	35131	LECT-DISC	B2	9	MTU	THF		206	H	H	
	35148	LECT-DISC	C1	10	M	W	F	325	G	H	
	35155	LECT-DISC	C2	10	M	W	F	206	H	H	
	35162	LECT-DISC	D1	11	M	W	F	325	G	H	
	35212	LECT-DISC	6D2	11	M	W	F	206	H	H	
	35170	LECT-DISC	F	2	MTU	THF		325	G	H	
	35187	LECT-DISC	G	3	MTU	THF		325	G	H	
	35194	LECT-DISC	X1	12	M	W	F	325	G	H	
	35205	LECT-DISC	X2	12	MTU	THF		309A	H	H	
FR	212	ORAL FRENCH, II PREREQUISITE--FR. 211 3 HOURS									
	35220	LECT-DISC	A1	8	MTU	THF		236	L	H	
	35237	LECT-DISC	A2	8	MTU	THF		302	L	H	
	35244	LECT-DISC	D	11	MTU	THF		262	L	H	KNABENHANS
	35251	LECT-DISC	X	12	MTU	THF		308	L	H	
	35269	LECT-DISC	E	1	MTU	THF		206	H	H	
	35276	LECT-DISC	F	2	MTU	THF		206	H	H	
	35283	LECT-DISC	G	3	MTU	THF		305	G	H	
FR	213	COMPOSITION, I. PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH. 2 HOURS									
	35291	LECT-DISC	A	8	M	TH		262	L	H	SMART
	35301	LECT-DISC	B	9	TU	F		304	G	H	
	35319	LECT-DISC	C2	10	TU	F		262	L	H	
	35326	LECT-DISC	E1	1	M	TH		374	L	H	
	35333	LECT-DISC	E2	1		THF		304	G	H	
	35341	LECT-DISC	F2	2	TU	F		262	L	H	
FR	214	COMPOSITION, II. PREREQUISITE: FR. 213. 2 HOURS									
	35358	LECT-DISC	B1	9	M	TH		390	L	H	
	35365	LECT-DISC	B2	9	TU	F		390	L	H	
	35372	LECT-DISC	C1	10	M	TH		390	L	H	
	35380	LECT-DISC	E2	1	TU	F		262	L	H	
	35397	LECT-DISC	G	3	M	TH		206	H	H	
FR	215	INTENSIVE COMPOSITION. PREREQUISITE: FR. 104 OR 106, OR FOUR YEARS OF HIGH SCHOOL FRENCH. 4 HOURS									
	35408	LECT-DISC		3	MTU	THF		262	L	H	
FR	217	ADVANCED ORAL FRENCH. PREREQUISITE: FR. 212. 4 HOURS									
	35415	LECT-DISC	A	8-10	MTU	THF		308	L	H	
	35422	LECT-DISC	C	10-12	MTU	THF		308	L	H	
	35430	LECT-DISC	E	1-3	MTU	THF		308	L	H	JAHEL

FR	219	FRENCH LITERATURE OF THE MIDDLE AGES. PREREQUISITE: FR. 201 AND 202. 3 HOURS	35447	LECT-DISC	1	M	TH	236	L	H	NACHTMANN		
FR	223	FRENCH LITERATURE OF THE SEVENTEENTH CENTURY, I. 3 HOURS	35454	LECT-DISC	1	TU	F	236	L	H	DE LEY		
FR	227	FRENCH LITERATURE OF THE EIGHTEENTH CENTURY, I. 3 HOURS	35461	LECT-DISC	10	M	TH	236	L	H	V. BOWEN		
FR	230	FRENCH LITERATURE OF THE NINETEENTH CENTURY, I: ROMANTICISM. PREREQUISITE: FR. 201 AND 202. 3 HOURS *DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.	35479	LECT-DISC	10	M	W	F	302	L	H	TALBOT	
FR	233	FRENCH LITERATURE OF THE CONTEMPORARY PERIOD, I. 3 HOURS	35486	LECT-DISC	9	TU	F	262	L	H	GRAY		
FR	255	INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION, I. SAME AS HUMAN. 255. NOT OPEN TO STUDENTS MAJORING IN FRENCH. 4 HOURS	35493	LECT-DISC	10	M	W	F	433	ARMORY	B. BOWEN		
FR	282	TEACHERS COURSE. REQUIRED FOR TEACHER-TRAINING MAJORS IN FRENCH. PREREQUISITE: FR. 201 AND 202, OR 211 AND 212. 2 HOURS DOES NOT MEET DURING THE PERIOD TEACHER-TRAINING MAJORS ARE OFF CAMPUS.	35504	LECT-DISC	A	3	M	W	F	236	L	H	S. SAVIGNON
			35511	LECT-DISC	B	3	M	W	F	3	G	H	MANDERA
FR	291	THESIS AND HONORS, I. PREREQUISITE: SENIOR STANDING. 2 HOURS	35529	LECT-DISC	ARR								
FR	299	FRENCH SENIOR SEMINAR. PREREQUISITE: FR. 261 AND 262 OR EQUIVALENT; CONSENT OF DEPARTMENT HEAD. *MAY BE REPEATED FOR CREDIT. *3 HOURS SECTION A ITINERAIRE DU REALISME AU 19E SIECLE. SECTION B LA NOTION DE L'ABSURDE AU 20E SIECLE.	35536	LECT-DISC	A	1-3	W	308	L	H	VLAN		
			35543	LECT-DISC	B	10	M	TH	262	L	H	VIENS	
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES													
FR	311	DICTION. IT IS RECOMMENDED THAT FR. 311 AND 313 BE TAKEN CONCURRENTLY. PREREQUISITE: CONSENT OF INSTRUCTOR. SCHOOL FRENCH. 2 HOURS OR 1/2 UNIT	35551	LECT-DISC	B	9	TU	TH	302	L	H		
			35568	LECT-DISC	C	10	TU	TH	302	L	H		
			35575	LECT-DISC	D	11	M	TH	390	L	H	VIENS	
			35582	LECT-DISC	E	1	TU	TH	302	L	H		
			35590	LECT-DISC	G	3	M	TH	390	L	H		

FR	313	PHONETICS.						
		IT IS RECOMMENDED THAT FR. 313 AND 311 BE TAKEN CONCURRENTLY.						
		PREREQUISITE: CONSENT OF INSTRUCTOR.						
		3 HOURS OR 3/4 UNIT						
		ALL STUDENTS MUST REGISTER FOR LANGUAGE LABORATORY TO BE						
		ARRANGED THROUGH THE INSTRUCTOR.						
	35601	LECT-DISC	11	TU TH	204N H H			MYERS
		LAB	11	M W F	257 E R L			
FR	314	SYNTAX.						
		PREREQUISITE: FR. 213 AND 214, OR 215, OR EQUIVALENT.						
		3 HOURS OR 3/4 UNIT						
	35618	LECT-DISC A	8	M W F	374 L H			
	35625	LECT-DISC G	3	M W F	374 L H			
FR	315	STYLISTICS.						
		PREREQUISITE: FR. 314.						
		3 HOURS OR 3/4 UNIT						
	35632	LECT-DISC	11	M W F	315 G H			
FR	335	FRENCH CIVILIZATION, I.						
		3 HOURS OR 3/4 UNIT						
		*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.						
	35640	LECT-DISC	*2	MTUWTHF	236 L H			MAINOUS
COURSES FOR GRADUATES								
FR	400	BEGINNING FRENCH FOR GRADUATE STUDENTS.						
		4 HOURS						
	35657	LECT-DISC A	8	MTU THF	3 G H			BAKER
	35664	LECT-DISC X	12	MTU THF	3 G H			
	35671	LECT-DISC J	5	MTU THF	3 G H			
FR	401	READING FRENCH FOR GRADUATE STUDENTS.						
		PREREQUISITE: FR. 400, OR FR. 101 AND 102, OR EQUIVALENT.						
		4 HOURS						
	35689	LECT-DISC A	8	MTU THF	390 L H			
	35696	LECT-DISC X	12	MTU THF	390 L H			
	35707	LECT-DISC J	5	MTU THF	219 G H			
FR	403	THE STUDY OF CULTURE: FINE ARTS, HISTORY AND LITERATURE, I.						
		PREREQUISITE: ADMISSION TO THE M. A. T. PROGRAM						
		1 UNIT						
	35714	LECT-DISC	9	M TH	236 L H			SAVIGNON AND NELSON
FR	405	TEACHING COLLEGE FRENCH.						
		NO CREDIT						
	35721	LECT-DISC	ARR					GRIFFITH
FR	425	EXPLICATION DE TEXTES, I.						
		PREREQUISITE: GRADUATE STANDING IN FRENCH.						
		1 UNIT						
	35739	LECT-DISC	1	TU F	390 L H			LEROUX
FR	433	STUDIES IN SIXTEENTH CENTURY FRENCH LITERATURE, I.						
		1 UNIT						
	35746	LECT-DISC	2	M TH	390 L H			B BOWEN
FR	435	STUDIES IN SEVENTEENTH CENTURY FRENCH LITERATURE, I.						
		PREREQUISITE: GRADUATE STANDING IN FRENCH.						
		1 UNIT						
	35753	LECT-DISC	1	M TH	390 L H			DELEY
FR	437	STUDIES IN EIGHTEENTH CENTURY FRENCH LITERATURE, I.						
		1 UNIT						
	35761	LECT-DISC	3	TU F	390 L H			JOST
FR	439	STUDIES IN NINETEENTH CENTURY FRENCH LITERATURE, I.						
		1 UNIT						
	35778	LECT-DISC	11	TU F	236 L H			TALBOT

FR	441	STUDIES IN TWENTIETH CENTURY FRENCH LITERATURE, I.								
		PREREQUISITE: GRADUATE STANDING IN FRENCH.								
		1 UNIT								
	35785	LECT-DISC	10	TU	F	236	L H		GRAY	
FR	449	INTRODUCTION TO OLD FRENCH LANGUAGE AND LITERATURE.								
		1 UNIT								
	35792	LECT-DISC	10-1130	TU	F	390	L H			
FR	451	STUDIES IN MEDIEVAL FRENCH LITERATURE.								
		PREREQUISITE: CONSENT OF INSTRUCTOR.								
		1 UNIT								
	35803	LECT-DISC	2	TU	F	390	L H			
FR	455	HISTORY OF FRENCH LITERARY CRITICISM.								
		1 UNIT								
	35811	LECT-DISC	9	TU	F	236	L H		V BOWEN	
FR	462	INTRODUCTION TO ROMANCE LINGUISTICS.								
		SAME AS LING., SPAN., ITAL. AND PORT. 462.								
		1/2 UNIT								
	35828	LECT-DISC	9	TU	TH	230	L H		KAHANE	
FR	467	OLD PROVENÇAL HISTORICAL GRAMMAR.								
		PREREQUISITE: CONSENT OF INSTRUCTOR.								
		1 UNIT								
	35835	LECT-DISC	9	M	TH	262	L H		BLAYLOCK	
FR	472	SEMINAR IN SEVENTEENTH CENTURY FRENCH LITERATURE.								
		*COURSE MAY BE REPEATED FOR CREDIT.								
		*1 UNIT								
		TOPIC: RACINE								
	35842	LECT-DISC	1-3	W		429	LIB		NELSON	
FR	474	SEMINAR IN NINETEENTH CENTURY FRENCH LITERATURE.								
		*COURSE MAY BE REPEATED FOR CREDIT.								
		*1 UNIT								
	35850	LECT-DISC	9-11	W		308	L H		VELAN	
FR	478	SEMINAR IN TWENTIETH CENTURY FRENCH LITERATURE.								
		*COURSE MAY BE REPEATED FOR CREDIT.								
		*1 UNIT								
	35867	LECT-DISC	3-5	M		308	L H		JAHIEL	
	35874	LAB	A	10-12	S	236	L H			
	35881	LAB	B	1-3	S	236	L H			
FR	485	SEMINAR IN PROUST, I.								
		PREREQUISITE: FR. 342 OR CONSENT OF INSTRUCTOR.								
		1/2 UNIT								
	35899	LECT-DISC	3-5	TH		429	LIB		KOLB	
FR	491	INDIVIDUAL TOPICS.								
		PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN FRENCH.								
		1/4 TO 1 UNIT								
		*STUDENT MUST HAVE CONSENT OF DEPARTMENT TO REGISTER IN SECTION A.								
	35917	LECT-DISC	*A	ARR						
	35900	LECT-DISC	B	ARR						
FR	499	THESIS RESEARCH.								
		0 TO 4 UNITS								
	35924	CONF		ARR						

GENERAL EDUCATION

STUDENTS WHO ENTER THE SCIENCE AND LETTERS CURRICULUM IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR WHO ENTER OTHER SCHOOLS AND SUBSEQUENTLY TRANSFER TO THE COLLEGE ARE REQUIRED TO COMPLETE AT LEAST ONE APPROVED SEQUENCE IN EACH OF THESE AREAS: HUMANITIES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCE, AND SOCIAL SCIENCE.

THE FOLLOWING SEQUENCES HAVE BEEN APPROVED.

BIOLOGICAL SCIENCE

BIOL 100, 101
PHYSL 103 OR 203, PSYCH 103
OR ANY EIGHT HOURS OF COURSES OFFERED BY THE SCHOOL OF LIFE SCIENCES.
RECOMMENDED COURSES ARE: MCBIO 100 AND 101
BOT 100 OR 101 PHYSL 103 OR 203
ENTOM 103 ZOOL 104

HUMANITIES

A SIX HOUR SEQUENCE IN ONE FOREIGN LITERATURE AT THE 200 AND 300 LEVEL (NOT LANGUAGE COURSES).

ART 111, 112, PLUS EITHER	HIST 131, 132
A 300 COURSE IN HISTORY	HIST 191, 192
OF ART OR PHIL 323	HIST 323, 324
CLCIV 301, 302	HUMAN 151, 152
ENGL 101, 102, 103	HUMAN 201, 202
ENGL 115, 116 PLUS EITHER	HUMAN 211, 212
131 OR AN ADVANCED COURSE	HUMAN 215, 216
INVOLVING THE STUDY OF	HUMAN 363, 364
LITERATURE IN DEPTH (255,	LAS 161, 162
256, 257, 258, 370, 387,	MUSIC 130, 131
AND 388 ARE EXCLUDED).	MUSIC 130, 316, 317 AND ANY
ENGL 195, 196	ONE OF THE FOLLOWING: 103
ENGL 251, 252, 253, 287 (ANY	105, OR 321.
TWO OF THESE FOUR COURSES).	PHIL 101, 102
ENGL 338, 339, 340 (ANY TWO	PHIL 303, 306
OF THESE THREE COURSES).	RUSS 115, 116
FRENCH 255, 256	SPEECH 177, 178

PHYSICAL SCIENCE

ASTR 101, 102	MATH 118, 119 OR ANY
CHEM, ANY 8 HOURS	OTHER 8 HOUR SEQUENCE
GEOG 102, 103	NOT INCLUDING MATH. 101
GEOL 101, 102	OR 118.
L A S 141, 142	MATH 124, 134
	PHYCS, ANY 8 HOURS

SOCIAL SCIENCE

ANTH 102, 103	L A S 174 AND ANY ONE
ECON 108 AND ANY	OF THE FOLLOWING
ONE OR TWO OF THE	ANTH 100, POL S 150,
FOLLOWING COURSES:	SOC 100
ECON 214, 240, 255	PHIL 103, 104
288, 328, 350	POL S 184, 191
GEOG 104, 105	POL S 191, 192
HIST 111, 112	PSYCH 100, OR 105 AND
HIST 151, 152	ANY ONE OF THE FOLLOW-
HIST 191, 192	ING: 201, 216, 248, 250
HIST 260, 261, 262	SOC 100 AND ANY ONE OF THE
	FOLLOWING 212, 218, OR
	223
	SOC 151, 152 (OR 275)

GENERAL ENGINEERING

DEPARTMENT OFFICE

117 T B

COURSES FOR UNDERGRADUATES

G E 101 ENGINEERING GRAPHICAL COMMUNICATION.

PREREQUISITE: PLANE GEOMETRY.

*CREDIT IS NOT GIVEN FOR G. E. 101 IN ADDITION TO G. E. 103 OR G. E. 105.

*3 HOURS

35931 LAB-DISC F6 9-12 TU TH 316 T B

G E 103 ENGINEERING GRAPHICS, I.

*CREDIT IS NOT GIVEN FOR G. E. 103 IN ADDITION TO G. E. 101 OR 105.

*3 HOURS

SECTIONS 6G1, 6G2 AND 6G6 ARE HONORS SECTIONS.

35949	LAB-DISC	A 2	8-10	M W F	303	T B
35956	LAB-DISC	A 3	8-10	M W F	305	T B
35963	LAB-DISC	A 5	8-10	M W F	308	T B
35971	LAB-DISC	A 6	8-10	M W F	316	T B
35988	LAB-DISC	A 7	8-10	M W F	201	T B
35995	LAB-DISC	A10	8-10	M W F	113	T B
36008	LAB-DISC	A11	8-10	M W F	114	T B
36015	LAB-DISC	B 2	10-12	M W F	303	T B
36022	LAB-DISC	B 5	10-12	M W F	308	T B
36030	LAB-DISC	B 6	10-12	M W F	316	T B
36047	LAB-DISC	B 7	10-12	M W F	201	T B
36054	LAB-DISC	B 8	10-12	M W F	207	T B
36061	LAB-DISC	B10	10-12	M W F	113	T B
36079	LAB-DISC	B11	10-12	M W F	114	T B
36086	LAB-DISC	C 1	1-3	M W F	302	T B
36093	LAB-DISC	C 2	1-3	M W F	303	T B
36104	LAB-DISC	C 5	1-3	M W F	308	T B
36111	LAB-DISC	C 6	1-3	M W F	316	T B
36129	LAB-DISC	C 7	1-3	M W F	201	T B
36136	LAB-DISC	C10	1-3	M W F	113	T B
36143	LAB-DISC	C11	1-3	M W F	114	T B
36151	LAB-DISC	D 1	3-5	M W F	302	T B
36168	LAB-DISC	D 2	3-5	M W F	303	T B
36175	LAB-DISC	D 3	3-5	M W F	305	T B
36182	LAB-DISC	D 6	3-5	M W F	316	T B
36190	LAB-DISC	D 7	3-5	M W F	201	T B
36201	LAB-DISC	D 9	3-5	M W F	216	T B
36218	LAB-DISC	D11	3-5	M W F	114	T B
36225	LAB-DISC	E 7	8-10	TU TH S	201	T B
36232	LAB-DISC	E 8	8-10	TU TH S	207	T B
36240	LAB-DISC	E 9	8-10	TU TH S	216	T B
36257	LAB-DISC	E11	8-10	TU TH S	114	T B
36264	LAB-DISC	F 7	10-12	TU TH S	201	T B
36271	LAB-DISC	F 9	10-12	TU TH S	216	T B
36289	LAB-DISC	F11	10-12	TU TH S	114	T B
36296	LAB-DISC	6G1	1-4	TU TH	302	T B
36307	LAB-DISC	6G2	1-4	TU TH	303	T B
36314	LAB-DISC	6G6	1-4	TU TH	316	T B

G E 104 ENGINEERING GRAPHICS, II.

PREREQUISITE: G. E. 103 OR EQUIVALENT.

3 HOURS

*STUDENTS IN SECTION F3 WILL WORK WITH STUDENTS IN G. E. 242.

36321	LAB-DISC	C3	1-3	M W F	305	T B
36339	LAB-DISC	*F3	9-12	TU TH	305	T B

G E 107 GEOMETRY FOR ARCHITECTS.

PREREQUISITE: PLANE GEOMETRY.

2 HOURS

36346 LAB-DISC C8 1-3 M W F 207 T B

G E 108 GEOMETRY FOR ARCHITECTS.

PREREQUISITE: G. E. 107.

2 HOURS

36353 LAB-DISC A8 8-10 M W F 207 T B

G E 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

36361 CONF A ARR

COURSES FOR ADVANCED UNDERGRADUATES

G E	212	GRAPHICAL CALCULATIONS.						
		PREREQUISITE: G. E. 103 OR EQUIVALENT, MATH. 123.						
		1 HOUR						
	36378	LAB-DISC	F2	10-12	TU	303	T B	
	36385	LAB-DISC	H3	3-5	TU	305	T B	
G E	220	HISTORY OF ENGINEERING.						
		PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.						
		3 HOURS						
	36392	LECT-DISC	B	10	M W F	206	T B	
	36403	LECT-DISC	C	11	M W F	206	T B	
	36411	LECT-DISC	D	2	M W F	206	T B	
	36428	LECT-DISC	F	10-1120	TU TH	206	T B	
	36435	LECT-DISC	G	1-220	TU TH	206	T B	
G E	221	INTRODUCTION TO GENERAL ENGINEERING DESIGN.						
		PREREQUISITE: G. E. 103 AND 104, CREDIT OR REGISTRATION IN T. A. M. 150.						
		3 HOURS						
	36442	LECT-DISC	A9	8-10	M W F	216	T B	
	36450	LECT-DISC	B9	10-12	M W F	216	T B	
G E	230	ENGINEERING ASPECTS OF CONTEMPORARY SOCIETY.						
		PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR.						
		3 HOURS						
	36467	LECT-DISC	H	3-420	TU TH	206	T B	
G E	231	ENGINEERING ANALYSIS, I.						
		PREREQUISITE: G. E. 221, T. A. M. 211.						
		3 HOURS						
	36474	LECT-DISC	B4	10-12	M W F	306	T B	
	36481	LECT-DISC	C9	1-3	M W F	216	T B	
G E	232	ENGINEERING ANALYSIS, II.						
		PREREQUISITE: G. E. 231, T. A. M. 221.						
		4 HOURS						
	36499	LECT-DISC	A	9	MTU THF	302	T B	
	36500	LECT-DISC	C	1	MTU THF	203	T B	
G E	241	COMPONENT DESIGN.						
		PREREQUISITE: G. E. 232, T. A. M. 224.						
		4 HOURS						
	36517	LECT-DISC	A4	8-10	M F	306	T B	
			A4	9	W	306	T B	
	36524	LECT-DISC	C4	1-3	M F	306	T B	
			C4	1	W	306	T B	
G E	242	PROJECT DESIGN.						
		PREREQUISITE: G. E. 241, 288.						
		3 HOURS						
	36531	LECT-DISC	A	9-12	TU TH	306	T B	
G E	281	ENGINEERING INFLUENCE ON BUSINESS DECISIONS.						
		PREREQUISITE: JUNIOR STANDING (NON-ENGINEERS).						
		3 HOURS						
	36549	LAB-DISC	G3	1-3	TU TH	305	T B	
G E	282	INTRODUCTION TO PATENT LAW.						
		PREREQUISITE: SENIOR STANDING.						
		1 HOUR						
	36556	LECT-DISC	A	4	M	206	T B	
	36563	LECT-DISC	B	8	W	206	T B	
G E	288	ECONOMIC ANALYSIS FOR ENGINEERING DECISION MAKING.						
		PREREQUISITE: JUNIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.						
		3 HOURS						
	36571	DISC	A	10	M W F	305	T B	
	36588	DISC	B	3	M W F	206	T B	

G E 290 CONTRACTS AND SPECIFICATIONS
 SAME AS C. E. 290.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.
 *CREDIT IS NOT GIVEN FOR G. E. 290 IN ADDITION TO G. E. 292.
 *2 HOURS
 36595 LECT-DISC P 11 TU TH 305 E H
 36606 LECT-DISC T 3 TU TH 305 E H

G E 291 GENERAL ENGINEERING SEMINAR.
 PREREQUISITE: SENIOR STANDING IN GENERAL ENGINEERING.
 0 CREDIT
 36613 LECT-DISC A 3-5 W 203 T B

G E 292 ENGINEERING LAW.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE, OR
 CONSENT OF INSTRUCTOR.
 *CREDIT IS NOT GIVEN FOR G. E. 292 IN ADDITION TO G. E.
 OR C. E. 290.
 *3 HOURS
 36621 LECT-DISC A 9 M W F 206 T B
 36638 LECT-DISC B 1 M W F 206 T B
 36645 LECT-DISC C 2 M W F 203 T B

G E 293 SPECIAL PROBLEMS.
 PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 36652 CONF B ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

G E 304 PROFESSIONAL EXPRESSION.
 PREREQUISITE: ADVANCED OR GRADUATE STANDING AND CONSENT OF
 INSTRUCTOR.
 3 OR 4 HOURS, OR 1 UNIT
 *EQUIVALENT OF ANOTHER WEEKLY MEETING ARRANGED AT CONVENIENCE
 OF STUDENTS REGISTERING FOR FOUR HOURS OF CREDIT.
 36660 LECT-DISC D *11 M W F 305 T B

G E 360 ENGINEERING APPLICATIONS OF METEOROLOGICAL FUNDAMENTALS.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING, CHEMISTRY, OR
 PHYSICS. MATH. 142 OR 143, PHYCS. 106, 107, AND 108, M. E. 205,
 AND 206, OR M. E. 209 OR CHEM. 342 AND 344 OR PHYCS. 360.
 4 HOURS OR 1 UNIT
 36677 LECT-DISC A 10 M F 302 T B
 A 10-12 W 302 T B

G E 393 SPECIAL PROBLEMS.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS, OR 1/4 TO 1 UNIT
 *SECTION A IS FOR GENERAL ENGINEERING STUDENTS
 *SECTION B IS AN HONORS SECTION.
 *SECTION C IS TECHNIQUES AND APPLICATIONS IN ENGINEERING
 DESIGN ANALYSIS. CREDIT--3 HOURS.
 *SECTION D IS OPTIMIZATION IN ENGINEERING DESIGN. CREDIT--3 HOURS.
 SECTION F IS SCIENCE OF AEROSPACE. PREREQUISITE: EDUCATION
 MAJOR. CREDIT--3 HOURS OR 1 UNIT.
 36684 CONF *A ARR
 36691 CONF *B ARR
 36702 CONF *C ARR
 36710 CONF *D ARR
 36727 CONF *F ARR

GEOGRAPHY

DEPARTMENT OFFICE

220 D H

MAJOR: TWENTY HOURS IN GEOGRAPHY IN ADDITION TO GEOGRAPHY 103. AT LEAST FIFTEEN OF THE TWENTY HOURS MUST BE IN COURSES CARRYING ADVANCED CREDIT. INDIVIDUAL PROGRAMS ARE ARRANGED FOR MAJOR STUDENTS WITH THE FOLLOWING SPECIAL INTERESTS: LIBERAL EDUCATION, BUSINESS, CARTOGRAPHY, GOVERNMENT, TEACHING, OR GRADUATE STUDY. THESE PROGRAMS INCLUDE DEPARTMENTAL COURSES, MINOR FIELDS, AND RECOMMENDED ELECTIVES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS IN DEPARTMENTS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED IN CONSULTATION WITH THE DEPARTMENTAL ADVISER AND WITH THE APPROVAL OF THE DEAN OF THE COLLEGE. AT LEAST EIGHT HOURS OF THE TWENTY MINOR HOURS MUST BE TAKEN IN EACH IF THE STUDENT ELECTS TO MINOR IN TWO DIFFERENT DEPARTMENTS.

DEPARTMENTAL DISTINCTION: STUDENTS ELIGIBLE FOR GRADUATION WITH HONORS IN LIBERAL ARTS AND SCIENCES SHOULD CONSULT WITH THE DEPARTMENTAL ADVISER CONCERNING GRADUATION WITH DISTINCTION IN GEOGRAPHY.

COURSES FOR UNDERGRADUATES

GEOG 102 PHYSICAL GEOGRAPHY, I.

4 HOURS

*SECTION 62 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

				TU TH	66 LIB	BOOTH
36734	LECT	N	10			
36741	QUIZ	1	8-10	M	143A M E B	
36823	QUIZ	*62	8-10	W	143A M E B	
36759	QUIZ	3	10-12	M	143A M E B	
36766	QUIZ	4	10-12	W	143A M E B	
36773	QUIZ	5	1-3	W	143A M E B	
36781	QUIZ	6	1-3	F	143A M E B	
36798	QUIZ	7	8-10	F	143A M E B	
36809	QUIZ	8	10-12	F	143A M E B	
36816	QUIZ	9	3-5	W	143A M E B	
92091	QUIZ	10	3-5	F	143A M E B	

GEOG 103 PHYSICAL GEOGRAPHY, II.

4 HOURS

*SECTION 65 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

				TU TH	314 A H	ALEXANDER
36831	LECT	M	9			
36848	LECT	P	11		314 A H	ALEXANDER
36855	LAB-DISC	1	8	M	175 D H	
		1	8-10	W	175 D H	
36862	LAB-DISC	2	8	TU	175 D H	
		2	8-10	TH	175 D H	
36870	LAB-DISC	3	9	M	177 D H	
		3	8-10	F	177 D H	
		4	9	TU	177 D H	
		4	8-10	TH	177 D H	
37003	LAB-DISC	*65	10	M	175 D H	
		*65	10-12	W	175 D H	
36894	LAB-DISC	6	10	M	177 D H	
		6	10-12	W	177 D H	
36905	LAB-DISC	7	11	TU	175 D H	
		7	10-12	TH	175 D H	
36912	LAB-DISC	8	11	M	175 D H	
		8	10-12	F	175 D H	
36920	LAB-DISC	9	11	M	177 D H	
		9	10-12	F	177 D H	
36937	LAB-DISC	10	1	TU	177 D H	
		10	1-3	TH	177 D H	
36944	LAB-DISC	11	1	M	175 D H	
		11	1-3	F	175 D H	
36951	LAB-DISC	12	2	M	175 D H	
		12	1-3	W	175 D H	

GEOG 103 CONTINUED									
36969	LAB-DISC	13	2	TU	177	D H			
		13	2-4	TH	175	D H			
36976	LAB-DISC	14	3	M	175	D H			
		14	3-5	W	175	D H			
36983	LAB-DISC	15	3	TH	177	D H			
		15	3-5	TH	177	D H			
36991	LAB-DISC	16	4	M	175	D H			
		16	3-5	W	177	D H			
GEOG 104 WORLD REGIONAL GEOGRAPHY.									
4 HOURS									
*SECTION 612 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.									
37011	LECT	0	11	M W F	228	N H B	JAKLE		
37028	QUIZ	1	8	M	177	D H			
37035	QUIZ	2	8	TU	177	D H			
37042	QUIZ	3	9	M	175	D H			
37050	QUIZ	4	9	TU	175	D H			
37067	QUIZ	5	10	TU	175	D H			
37074	QUIZ	6	10	TH	177	D H			
37081	QUIZ	7	11	TU	177	D H			
37099	QUIZ	8	1	TH	175	D H			
37100	QUIZ	9	1	W	177	D H			
37117	QUIZ	10	2	M	177	D H			
37124	QUIZ	11	2	TU	175	D H			
37131	QUIZ	*612	3	TU	175	D H	ROSEMAN		
GEOG 105 INTRODUCTORY ECONOMIC GEOGRAPHY.									
4 HOURS									
*SECTION 62 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.									
37149	LECT	0	11	M W F	114	K H	ROEPKE		
37156	QUIZ	1	8	W	177	D H			
37221	QUIZ	*62	10	TU	177	D H			
37163	QUIZ	3	1	TU	175	D H			
37171	QUIZ	4	1	M	177	D H			
37188	QUIZ	5	2	W	177	D H			
37195	QUIZ	6	3	M	177	D H			
37206	QUIZ	7	4	TU	177	D H			
37213	QUIZ	8	4	TH	175	D H			
GEOG 185 INTRODUCTION TO SOCIAL STATISTICS.									
SAME AS SOC. 185.									
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.									
3 HOURS									
*SECTIONS A1, B1, AND C1 ARE FOR GEOGRAPHY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, OR C2. SOCIOLOGY MAJORS SEE SOCIOLOGY 185.									
37238	LECT-DISC	*A1	9-1030	TU TH	340	L H	SUMMERS		
37245	LECT-DISC	*A2	9-1030	TU TH	340	L H			
92101	LECT-DISC	*B1	1	M W F	314	L H			
92119	LECT-DISC	*B2	1	M W F	314	L H			
92126	LECT-DISC	*C1	8	M W F	340	L H			
92133	LECT-DISC	*C2	8	M W F	340	L H			
GEOG 195 UNDERGRADUATE HONORS SEMINAR.									
PREREQUISITE: FRESHMAN HONORS STUDENT.									
3 HOURS									
37260	LECT-DISC	G1	3-5	TU	219	D H	RUSSELL		
37277	LECT-DISC	G2	3-5	TH	219	D H	WIENS		
COURSES FOR ADVANCED UNDERGRADUATES									
GEOG 210 GEOGRAPHY IN WORLD AFFAIRS.									
3 HOURS									
* 37284	LECT-DISC	C	10	TU	119	M M B	GARLAND		
		C	10-12	TH	119	M M B			
GEOG 214 CONSERVATION OF NATURAL RESOURCES.									
3 HOURS									
37291	LECT-DISC	F	2	M W F	112	C A	BOOTH		
GEOG 223 GEOGRAPHY OF ANGLO-AMERICA.									
3 HOURS									
37302	LECT-DISC	B	9	M W F	323	D H	GARLAND		

GEOG	241	HISTORICAL GEOGRAPHY OF EUROPE.								
		3 HOURS								
	37310	LECT-DISC	D	11	M	W	F	219	D	H
										RUSSELL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GEOG	313	CLIMATES OF THE CONTINENTS.								
		PREREQUISITE: GEOG. 102 OR CONSENT OF INSTRUCTOR.								
		3 HOURS OR 3/4 UNIT								
	37327	LECT-DISC	L	8	TU			323	D	H
			L	8-10		TH		323	D	H
										LAHEY

GEOG	331	GEOGRAPHY OF CARIBBEAN AMERICA.								
		3 HOURS OR 3/4 UNIT								
	37334	LECT-DISC	E	1	M	W	F	113	D	H
										AUGELLI

GEOG	351	GEOGRAPHY OF ASIA.								
		3 HOURS OR 3/4 UNIT								
	37341	LECT-DISC	N	10	TU			113	D	H
			N	10-12		TH		113	D	H
										WIENS

GEOG	353	GEOGRAPHY OF THE U S S R.								
		3 HOURS OR 3/4 UNIT								
	37359	LECT-DISC	C	10	M	W	F	113	D	H
										FELLMANN

GEOG	355	GEOGRAPHY OF CENTRAL AND SOUTH AFRICA.								
		3 HOURS OR 3/4 UNIT								
	37366	LECT-DISC	D	11	M	W	F	113	D	H
										ALEXANDER

GEOG	357	GEOGRAPHY OF THE MIDDLE EAST AND NORTH AFRICA.								
		3 HOURS OR 3/4 UNIT								
	37373	LECT-DISC	C	10	M	W	F	323	D	H
										FOSTER

GEOG	362	GEOGRAPHY OF MANUFACTURING.								
		3 HOURS OR 3/4 UNIT								
	37381	LECT-DISC	B	9	M	W	F	113	D	H
										ROEPKE

GEOG	369	INTRODUCTION TO HUMAN ECOLOGY.								
		SAME AS ANTH., H. ED., PHYSL., PSYCH., SOC., V.M.S. AND ZOOLOG. 369.								
		PREREQUISITE: ONE YEAR OF BIOLOGY, AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.								
		*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.								
		*3 OR 5 HOURS, OR 1/2 OR 1 UNIT								
	37398	LECT-DISC		11	M	W	F	112	C	A
										TODD & OTHERS

GEOG	370	QUANTITATIVE METHODS IN GEOGRAPHY.								
		PREREQUISITE: GEOG. 185, OR ONE YEAR COLLEGE MATHEMATICS, OR ONE COURSE IN STATISTICS, OR THE EQUIVALENT.								
		3 HOURS OR 3/4 UNIT								
	37409	LECT-DISC	E	1-3	M	W		ARR		
										NUNNALLY

GEOG	371	INTRODUCTION TO RESEARCH, I.								
		PREREQUISITE: GEOGRAPHY MAJOR.								
		3 HOURS OR 3/4 UNIT								
	37416	LECT-DISC	R	1-3	TU			323	D	H
			R	1		TH		323	D	H
										JAKLE, ROSEMAN

GEOG	372	INTRODUCTION TO RESEARCH, II.								
		2 HOURS OR 1/2 UNIT								
	37423	LECT-DISC		ARR						STAFF

GEOG	373	MAP COMPILATION AND CONSTRUCTION.								
		4 HOURS OR 1 UNIT								
	37431	LECT-DISC	G	2-5	W	F		318	D	H
										FOSTER

GEOG	378	DESCRIPTIVE INTERPRETATION OF REMOTE SENSORS. TWO HALF-DAY SATURDAY FIELD TRIPS ARE REQUIRED. 4 HOURS OR 1 UNIT												
	37448	LECT	S	2	TU	112	C A	NUNNALLY						
	37455	LAB	1	3-5	TU TH	ARR								
	37462	LAB	2	3-5	M W	ARR								
GEOG	386	POLITICAL GEOGRAPHY. 3 HOURS OR 3/4 UNIT												
	37470	LECT-DISC	F	2	M W F	113	D H	GARLAND						
COURSES FOR GRADUATES														
GEOG	429	THE EVOLUTION OF AGRICULTURAL ECONOMIES. SAME AS AGRON. AND ANTH. 429. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT												
	37487	CONF		ARR				ALEXANDER						
GEOG	463	HISTORICAL GEOGRAPHY. 1 UNIT												
	37494	LECT-DISC	G	3-5	W	219	D H	RUSSELL, JAK						
GEOG	477	AREA ANALYSIS. 1 UNIT												
	37505	LECT-DISC	T	3-5	TU	113	D H	FOSTER						
GEOG	495	ADVANCED STUDIES IN GEOGRAPHY. 1/2 TO 2 UNITS WORK MAY BE TAKEN IN THE FOLLOWING FIELDS: PHYSICAL GEOGRAPHY, AFRICA, AGRICULTURAL ORIGINS CULTURAL, LATIN AMERICA ASIA, RESOURCE MANAGEMENT, TRANSPORTATION URBAN, U. S. S. R. MIDDLE EAST, ADVANCED CARTOGRAPHY ANGLO AMERICA, POLITICAL GEOGRAPHY, REGIONALISM ECONOMIC GEOGRAPHY, INDUSTRIAL LOCATION, EUROPE MARKETING GEOGRAPHY HUMAN ECOLOGY, U. S. S. R. LATIN AMERICA CLIMATOLOGY, METEOROLOGY HISTORICAL, SOCIAL AND CULTURAL GEOGRAPHY SOCIAL GEOGRAPHY, MIGRATION, QUANTITATIVE METHODS GEOMORPHOLOGY ASIA, HISTORICAL												
	92141	CONF	A	ARR				ALEXANDER						
	37512	CONF	B	ARR				AUGELLI						
	37520	CONF	C	ARR				BOOTH						
	37537	CONF	D	ARR				FELLMANN						
	37544	CONF	E	ARR				FOSTER						
	37551	CONF	G	ARR				ROEPKE						
	37569	CONF	H	ARR				RUSSELL						
	37576	CONF	J	ARR				THOMPSON						
	37583	CONF	K	ARR				LAHEY						
	37591	CONF	M	ARR				JAKLE						
	37601	CONF	O	ARR				ROSEMAN						
	37619	CONF	S	2-4	TU TH	143A	M E B	SCHEIDEGGER						
	92158	CONF	W	ARR				WIENS						
GEOG	497	DEVELOPMENT OF GEOGRAPHIC THOUGHT. 1/2 UNIT												
	37626	LECT-DISC	R	1-3	TH	113	D H	FELLMANN						
GEOG	499	THESIS RESEARCH. 0 TO 4 UNITS												
	37633	CONF		ARR				STAFF						

GEOLOGY

DEPARTMENT OFFICE

249 N H B

LAS CURRICULUM IN GEOLOGY: A TOTAL OF 130 HOURS OF CREDIT INCLUDING THE FOLLOWING COURSES: GEOLOGY 101, 102, 215, 301 OR 307 OR 357, 311, 320, 321, 331, 332, 335 AND 336; CHEMISTRY 101 AND 102 OR CHEMISTRY 107 AND 108; PHYSICS 106, 107 AND 108; MATHEMATICS 120, 130 AND 140 AND 8 HOURS OF BIOLOGICAL SCIENCE.

LAS GENERAL CURRICULUM:

MAJOR: NOT LESS THAN TWENTY HOURS IN GEOLOGY, EXCLUDING ALL 100-LEVEL GEOLOGY COURSES EXCEPT GEOLOGY 115. INCLUDED MUST BE GEOLOGY 331 AND 332 OR GEOLOGY 233, GEOLOGY 320 AND 321 OR GEOLOGY 222, GEOLOGY 215, AND AT LEAST ONE ADDITIONAL 300-LEVEL COURSE IN GEOLOGY.

IN ADDITION THE STUDENT MUST COMPLETE EITHER CHEMISTRY 101 OR 107, PHYSICS 101 OR 106, AND MATHEMATICS 120.

MINORS: TWENTY HOURS CHOSEN FROM ONE OR TWO OF THE FOLLOWING SUBJECTS: ANTHROPOLOGY, ASTRONOMY, BOTANY, CHEMISTRY, CIVIL ENGINEERING, ECONOMICS, GEOGRAPHY, MATHEMATICS, MINING ENGINEERING, PHYSICS, AND ZOOLOGY, AFTER CONSULTATION WITH THE DEPARTMENT OF GEOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

DEPARTMENTAL DISTINCTION: STUDENTS WHO MAINTAIN A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL GEOLOGY COURSES AND 4.0 IN ALL OTHER SCIENCE AND MATHEMATICS COURSES, AND WHO COMPLETE AN ACCEPTABLE BACHELOR'S THESIS BASED ON UNDERGRADUATE RESEARCH ARE RECOMMENDED FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

AT LEAST ONE YEAR OF GRADUATE WORK IS NECESSARY AS FURTHER TRAINING FOR ALL PROFESSIONAL WORK IN GEOLOGY. STUDENTS INTERESTED IN OCEANOGRAPHY SHOULD CONSULT WITH ADVISERS IN THE DEPARTMENT OF GEOLOGY.

COURSES FOR UNDERGRADUATES

GEOL 101 PHYSICAL GEOLOGY.

FIELD TRIP, ESTIMATED COST \$2.00.

4 HOURS

STUDENTS ENROLL IN ONE LAB-QUIZ-LECTURE COMBINATION.

*LAB-QUIZ COMBINATIONS 610 AND 620 ARE RESERVED FOR

JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS. ADMISSION TO THESE SECTIONS REQUIRE CONCURRENT REGISTRATION IN GEOL. 111.

37641	LAB-DISC	1	8-10	TH	241	N H B	
	LECT	C	10	M W F	140	BEV HALL	CHAPMAN
37658	LAB-DISC	2	10-12	TH	241	N H B	
	LECT	C	10	M W F	140	BEV HALL	
37665	LAB-DISC	3	1-3	TH	241	N H B	
	LECT	C	10	M W F	140	BEV HALL	
37672	LAB-DISC	4	3-5	TH	241	N H B	
	LECT	C	10	M W F	140	BEV HALL	
37680	LAB-DISC	65	1-3	TH	120	N H B	
	LECT	C	10	M W F	140	BEV HALL	
37697	LAB-DISC	6	8-10	M	251	N H B	
	LECT	E	1	M W F	228	N H B	WOOD
37708	LAB-DISC	7	10-12	M	251	N H B	
	LECT	E	1	M W F	228	N H B	
37715	LAB-DISC	8	2-4	M	251	N H B	
	LECT	E	1	M W F	228	N H B	
37722	LAB-DISC	9	8-10	TU	251	N H B	
	LECT	E	1	M W F	228	N H B	
37829	LAB-DISC	610	10-12	TU	251	N H B	
	LECT	E	1	M W F	228	N H B	
37730	LAB-DISC	11	1-3	TU	251	N H B	
	LECT	E	1	M W F	228	N H B	

GEOL 101	CONTINUED						
37747	LAB-DISC	12	3-5	TU	251	N H B	
	LECT	E	1	M W F	228	N H B	
37754	LAB-DISC	13	8-10	W	251	N H B	
	LECT	E	1	M W F	228	N H B	
37761	LAB-DISC	14	10-12	W	251	N H B	
	LECT	E	1	M W F	228	N H B	
37779	LAB-DISC	15	2-4	W	251	N H B	
	LECT	E	1	M W F	228	N H B	
37786	LAB-DISC	16	8-10	TH	251	N H B	
	LECT	E	1	M W F	228	N H B	
37793	LAB-DISC	17	10-12	TH	251	N H B	
	LECT	E	1	M W F	228	N H B	
37804	LAB-DISC	18	1-3	TH	251	N H B	
	LECT	E	1	M W F	228	N H B	
37811	LAB-DISC	19	3-5	TH	251	N H B	
	LECT	E	1	M W F	228	N H B	
37836	LAB-DISC	*E20	1-3	TU	120	N H B	
	LECT	*E	1	M W F	228	N H B	

GEOL 102 HISTORICAL GEOLOGY.
 PREREQUISITE: GEOL. 101 OR 105 OR 250, OR L. A. S. 142.
 FIELD TRIP, ESTIMATED COST \$5.50.
 4 HOURS

STUDENTS MUST REGISTER IN ONE LAB-DISC/LECT COMBINATION.
 *HONORS STUDENTS MUST REGISTER IN ONE LAB-DISC & /LECT
 COMBINATION AND MUST REGISTER CONCURRENTLY IN GEOL 112.

37843	LAB-DISC	1	3-5	TU	241	N H B
	LECT	F	2	M W F	202	H H
37851	LAB-DISC	2	3-5	W	241	N H B
	LECT	F	2	M W F	202	H H
37868	LAB-DISC	3	8-10	TU	241	N H B
	LECT	G	3	M W F	228	N H B
37875	LAB-DISC	4	10-12	TU	241	N H B
	LECT	G	3	M W F	228	N H B
37882	LAB-DISC	5	1-3	TU	241	N H B
	LECT	G	3	M W F	228	N H B
37890	LAB-DISC	6	1-3	W	241	N H B
	LECT	G	3	M W F	228	N H B
37901	LAB-DISC	*E7	3-5	TU	120	N H B
	LECT	*F	2	M W F	202	H H
37918	LAB-DISC	*E7	3-5	TU	120	N H B
	LECT	*G	3	M W F	228	N H B

MANN

CAPOZZI

GEOL 105 AGRICULTURAL GEOLOGY.
 FOR AGRICULTURE STUDENTS ONLY.
 PREREQUISITE: ONE SEMESTER OF CHEMISTRY.
 FIELD TRIP, ESTIMATED COST \$2.00.
 4 HOURS

STUDENTS ENROLL IN ONE LAB-QUIZ-LECT COMBINATION.

37925	LAB	1	10-12	TU	413	N H B
	QUIZ	1	1	W	241	N H B
	LECT		9	TU TH	100	M M B
37932	LAB	2	1-3	TU	413	N H B
	QUIZ	2	1	F	413	N H B
	LECT		9	TU TH	100	M M B
37940	LAB	3	3-5	TU	413	N H B
	QUIZ	3	1	W	229	N H B
	LECT		9	TU TH	100	M M B
37957	LAB	4	8-10	W	413	N H B
	QUIZ	4	1	W	413	N H B
	LECT		9	TU TH	100	M M B
37964	LAB	5	10-12	W	413	N H B
	QUIZ	5	1	W	251	N H B
	LECT		9	TU TH	100	M M B
37971	LAB	6	3-5	W	413	N H B
	QUIZ	6	2	W	136	BUR HALL
	LECT		9	TU TH	100	M M B
37989	LAB	7	10-12	TH	413	N H B
	QUIZ	7	2	W	241	N H B
	LECT		9	TU TH	100	M M B
37996	LAB	8	1-3	TH	413	N H B
	QUIZ	8	2	W	413	N H B
	LECT		9	TU TH	100	M M B
38009	LAB	9	3-5	TH	413	N H B
	QUIZ	9	2	F	204	H H
	LECT		9	TU TH	100	M M B

FOLLMER

GEOLOGY 111 HONORS: PHYSICAL GEOLOGY.
 PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS SECTIONS OF
 GEOLOGY 101, JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
 2 DAY FIELD TRIP.
 1 HOUR
 38016 LAB-DISC &A 4 TH 147 N H B D ANDERSON

GEOLOGY 112 HONORS: HISTORICAL GEOLOGY.
 PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS LABORATORY OF
 GEOLOGY 102, JAMES SCHOLAR OR CONSENT OF INSTRUCTOR.
 2 DAY FIELD TRIP.
 1 HOUR
 38023 LAB-DISC &A 3 TH 147 N H B

COURSES FOR ADVANCED UNDERGRADUATES

GEOLOGY 222 PALEONTOLOGY AND STRATIGRAPHY.
 PREREQUISITE: GEOLOGY 102.
 *STUDENTS MAY NOT RECEIVE CREDIT FOR GEOLOGY 222 AND 320.
 *4 HOURS
 38031 LECT 10 M W F 120 N H B
 LAB 3-5 TH 120 N H B SANDBERG

GEOLOGY 250 GEOLOGY FOR ENGINEERS.
 PREREQUISITE: T. A. M. 150 OR 152, SOPHOMORE STANDING IN
 THE COLLEGE OF ENGINEERING.
 3 HOURS
 38048 LECT 11 TU TH 202 H H
 38055 LAB 1 1-3 TU 316 N H B
 38062 LAB 2 3-5 TU 316 N H B
 38070 LAB 3 1-3 W 316 N H B
 38087 LAB 4 3-5 W 316 N H B
 38094 LAB 5 1-3 TH 316 N H B
 38105 LAB 6 3-5 TH 316 N H B PATTON

GEOLOGY 290 RESEARCH AND THESIS.
 CREDIT TO BE ARRANGED.
 38112 CONF &A ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GEOLOGY 301 GEOMORPHOLOGY.
 PREREQUISITE: GEOLOGY 102.
 FIELD TRIPS.
 4 HOURS OR 1 UNIT
 38120 LECT 10 M W F 229 N H B
 38137 LAB 1 1-3 TU 147 N H B
 38144 LAB 2 3-5 TU 147 N H B WHITE

GEOLOGY 303 HISTORY OF GEOLOGY.
 PREREQUISITE: GEOLOGY 102 OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 38151 LECT 2 M W F 229 N H B CAROZZI

GEOLOGY 315 ADVANCED FIELD METHODS.
 PREPARATION OF A REPORT.
 PREREQUISITE: GEOLOGY 215.
 2 TO 8 HOURS, OR 1/2 TO 2 UNITS
 38169 CONF ARR STAFF

GEOLOGY 320 INVERTEBRATE PALEONTOLOGY.
 PREREQUISITE: GEOLOGY 102.
 *STUDENTS MAY NOT RECEIVE CREDIT FOR GEOLOGY 222 AND 320.
 *4 HOURS OR 1 UNIT
 38176 LECT 11 M W 229 N H B
 38183 LAB 1 8-10 TU TH 120 N H B
 38191 LAB 2 10-12 TU TH 120 N H B BLAKE

GEOL 325	PALEOBOTANY.						
	SAME AS BOT. 325.						
	PREREQUISITE: BOT. 100 OR D.G.S. 131 AND 132, GEOL. 101 OR CONSENT OF INSTRUCTOR.						
	2 OR 3 FIELD TRIPS.						
	5 HOURS OR 1 UNIT						
38201	LAB-DISC		1-4	TU TH	306	N H B	PHILLIPS
GEOL 331	MINERALOGY.						
	PREREQUISITE: GEOL. 102 AND CREDIT OR REGISTRATION IN CHEM. 102 OR 108.						
	*CREDIT NOT ALLOWED FOR BOTH GEOL. 331 AND 233.						
	*4 HOURS OR 1 UNIT						
38219	LECT		9	M W	229	N H B	HENDERSON
38226	LAB	1	1-3	TU TH	109	N H B	
38233	LAB	2	3-5	TU TH	109	N H B	
38241	LAB	3	10-12	TU TH	109	N H B	
GEOL 335	OPTICAL MINERALOGY.						
	FOR STUDENTS IN GEOLOGY, CERAMICS, CHEMISTRY, MINING, AND AGRICULTURE.						
	PREREQUISITE: GEOL. 132.						
	4 HOURS OR 1 UNIT						
38258	LECT		9	TU TH	204	N H B	HENDERSON
38265	LAB	1	1-3	TU TH	204	N H B	
38272	LAB	2	3-5	TU TH	204	N H B	
GEOL 350	THEORETICAL GEOPHYSICS.						
	PREREQUISITE: MATHEMATICS THROUGH CALCULUS, ONE YEAR OF PHYSICS, GEOL. 311 AND CONSENT OF INSTRUCTOR.						
	4 HOURS OR 1 UNIT						
38280	LECT		9	M W F	147	N H B	T ANDERSON AND DONATH
GEOL 370	OCEANOGRAPHY.						
	PREREQUISITE: BOT. 100 OR ZOOL. 104, CHEM. 101, GEOL. 101, PHYCS. 101; OR CONSENT OF INSTRUCTOR.						
	4 HOURS OR 1 UNIT						
38297	LECT		1	M W F	147	N H B	HAY

COURSES FOR GRADUATES

GEOL	415	REGIONAL FIELD GEOLOGY.						
		PREREQUISITE: CONSENT OF INSTRUCTOR.						
		1 UNIT						
	38308	LAB-DISC		ARR				LANGENHEIM
GEOL	422	STRATIGRAPHIC GEOLOGY: PALEOZOIC.						
		PREREQUISITE: GEOL. 321.						
		1 UNIT						
	38315	LECT		8	TU TH	236	N H B	LANGENHEIM
GEOL	433	X-RAY MINERALOGY.						
		PREREQUISITE: CONSENT OF INSTRUCTOR.						
		1 UNIT						
	38322	LECT-DISC		10-12	TU TH	229	N H B	GUVEN
GEOL	437	SEDIMENTARY PETROLOGY.						
		PREREQUISITE: GEOL. 335.						
		1 UNIT						
	38330	LECT		3	M W F	134	N H B	KLEIN
		LAB		1-3	TH	134	N H B	
GEOL	440	MINERAGRAPHY.						
		1 UNIT						
	38347	LAB-DISC		3-5	F	208	N H B	HAGNER
GEOL	443	MINERAL DEPOSITS, I.						
		PREREQUISITE: GEOL. 311.						
		1 UNIT						
	38354	LAB-DISC		3-5	M W	208	N H B	HAGNER

GERMAN

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

MAJOR: TWENTY-FOUR HOURS IN GERMAN, EXCLUDING GERMAN 101, 102, 103, 104, AND 113, AND INCLUDING GERMAN 302, 303, 320, AND ONE OTHER LITERATURE COURSE AT THE 300-LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS CHOSEN FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT:
EDUCATION, ENGLISH (EXCLUDING RHET. 101, 102, AND 200), FRENCH, GREEK, HISTORY, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS (EXCLUDING LING. 301), MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SCANDINAVIAN, AND SPANISH. THE FIRST SEMESTER OF ANY FOREIGN LANGUAGE (FR. 101, GRK. 101, ITAL. 101, LAT. 101, PORT. 101, RUSS. 101, SPAN. 101) MAY NOT BE COUNTED TOWARD A MINOR IN THAT LANGUAGE.

COURSES FOR UNDERGRADUATES

GER 101 ELEMENTARY COURSE, I.

*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GER. 101 WITHOUT GER. 102.

*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

38589	LECT-DISC	A1	8	MTUWTH	201	N L
38596	LECT-DISC	A2	8	MTUWTH	186	L H
38607	LECT-DISC	B1	9	MTUWTH	162	L H
38614	LECT-DISC	B2	ARR			
38621	LECT-DISC	B3	9	MTUWTH	270	L H
38639	LECT-DISC	B4	9	MTUWTH	216	L H
38646	LECT-DISC	C1	10	MTUWTH	162	L H
38653	LECT-DISC	C2	10	MTUWTH	186	L H
38661	LECT-DISC	C3	10	MTUWTH	370	L H
38678	LECT-DISC	C4	10	MTUWTH	332	ARMORY
38685	LECT-DISC	D1	11	MTUWTH	162	L H
38692	LECT-DISC	D2	11	MTUWTH	432	ARMORY
38703	LECT-DISC	D3	11	MTUWTH	332	ARMORY
38711	LECT-DISC	X1	12	MTUWTH	201	N L
38728	LECT-DISC	X2	12	MTUWTH	186	L H
38735	LECT-DISC	E1	1	MTUWTH	162	L H
38742	LECT-DISC	E2	1	MTUWTH	186	L H
38750	LECT-DISC	E3	1	MTUWTH	432	ARMORY
38767	LECT-DISC	F1	2	MTUWTH	201	N L
38774	LECT-DISC	F2	2	MTUWTH	186	L H
38781	LECT-DISC	G1	3	MTUWTH	201	N L
38799	LECT-DISC	G2	3	MTUWTH	432	ARMORY
38800	LECT-DISC	H	4	MTUWTH	216	L H
38817	LAB	M 3	8-830	M TH	202	L H
38824	LAB	M 4	830-9	M TH	202	L H
38831	LAB	M 5	9-930	M TH	202	L H
38849	LAB	M 6	930-10	M TH	202	L H
38856	LAB	M 7	10-1030	M TH	202	L H
38863	LAB	M 8	1030-11	M TH	202	L H
38871	LAB	M 9	11-1130	M TH	202	L H
38888	LAB	M10	1130-12	M TH	202	L H
38895	LAB	M11	12-1230	M TH	202	L H
38906	LAB	M12	1230-1	M TH	202	L H
38913	LAB	M13	1-130	M TH	202	L H
38921	LAB	M14	130-2	M TH	202	L H
38938	LAB	M15	2-230	M TH	202	L H
38945	LAB	M16	230-3	M TH	202	L H
38952	LAB	M17	3-330	M TH	202	L H
38960	LAB	M18	330-4	M TH	202	L H
38977	LAB	M19	4-430	M TH	202	L H
38984	LAB	M20	430-5	M TH	202	L H
38991	LAB	M21	5-530	M TH	202	L H
39004	LAB	M22	530-6	M TH	202	L H
39011	LAB	M25	7-730PM	M TH	202	L H
39029	LAB	M26	730-8PM	M TH	202	L H
39036	LAB	M27	8-830PM	M TH	202	L H
39043	LAB	M28	830-9PM	M TH	202	L H

GER 102 ELEMENTARY COURSE, II.
 PREREQUISITE: GER. 101 OR ONE YEAR OF HIGH SCHOOL GERMAN.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS
 IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO
 M28 SECTIONS.

39051	LECT-DISC	A	8	MTUWTH	210	C A
39068	LECT-DISC	B1	9	MTUWTH	210	C A
39075	LECT-DISC	B2	9	MTUWTH	201	N L
39082	LECT-DISC	C1	10	MTUWTH	210	C A
39090	LECT-DISC	C2	10	MTUWTH	201	N L
39101	LECT-DISC	D	11	MTUWTH	210	C A
39118	LECT-DISC	X	12	MTUWTH	210	C A
39125	LECT-DISC	E1	1	MTUWTH	210	C A
39132	LECT-DISC	E2	1	MTUWTH	201	N L
39140	LECT-DISC	F	2	MTUWTH	210	C A
39157	LECT-DISC	G	3	MTUWTH	210	C A
39164	LAB	M 3	8-830	M TH	202	L H
39171	LAB	M 4	830-9	M TH	202	L H
39189	LAB	M 5	9-930	M TH	202	L H
39196	LAB	M 6	930-10	M TH	202	L H
39207	LAB	M 7	10-1030	M TH	202	L H
39214	LAB	M 8	1030-11	M TH	202	L H
39221	LAB	M 9	11-1130	M TH	202	L H
39239	LAB	M10	1130-12	M TH	202	L H
39246	LAB	M11	12-1230	M TH	202	L H
39253	LAB	M12	1230-1	M TH	202	L H
39261	LAB	M13	1-130	M TH	202	L H
39278	LAB	M14	130-2	M TH	202	L H
39285	LAB	M15	2-230	M TH	202	L H
39292	LAB	M16	230-3	M TH	202	L H
39303	LAB	M17	3-330	M TH	202	L H
39311	LAB	M18	330-4	M TH	202	L H
39328	LAB	M19	4-430	M TH	202	L H
39335	LAB	M20	430-5	M TH	202	L H
39342	LAB	M21	5-530	M TH	202	L H
39350	LAB	M22	530-6	M TH	202	L H
39367	LAB	M25	7-730 PM	M TH	202	L H
39374	LAB	M26	730-8 PM	M TH	202	L H
39381	LAB	M27	8-830 PM	M TH	202	L H
39399	LAB	M28	830-9 PM	M TH	202	L H

GER 103 INTERMEDIATE COURSE, I.
 PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR
 EQUIVALENT.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS
 IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO
 M28 SECTIONS.
 *SECTION D3 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE
 GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT HOUR INTENSIVE COURSE.
 STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE
 SPECIAL C2 SECTION OF GERMAN 104.

39400	LECT-DISC	A1	8	MTUWTH	111	G H
39417	LECT-DISC	A2	8	MTUWTH	329	G H
39424	LECT-DISC	A3	8	MTUWTH	388	L H
39431	LECT-DISC	B1	9	MTUWTH	111	G H
39449	LECT-DISC	B2	9	MTUWTH	329	G H
39456	LECT-DISC	C1	10	MTUWTH	111	G H
39463	LECT-DISC	C2	10	MTUWTH	329	G H
39471	LECT-DISC	C3	10	MTUWTH	432	ARMORY
39488	LECT-DISC	D1	11	MTUWTH	111	G H
39495	LECT-DISC	D2	11	MTUWTH	329	G H
39812	LECT-DISC	*D3	11	MTUWTH	396	L H
39506	LECT-DISC	X1	12	MTUWTH	111	G H
39513	LECT-DISC	X2	12	MTUWTH	329	G H
39521	LECT-DISC	E1	1	MTUWTH	111	G H
39538	LECT-DISC	E2	1	MTUWTH	332	ARMORY
39545	LECT-DISC	F	2	MTUWTH	111	G H
39552	LECT-DISC	G	3	MTUWTH	111	G H
39560	LECT-DISC	H	4	MTUWTH	111	G H
39577	LAB	M 3	8-830	M TH	202	L H
39584	LAB	M 4	830-9	M TH	202	L H
39591	LAB	M 5	9-930	M TH	202	L H
39602	LAB	M 6	930-10	M TH	202	L H
39610	LAB	M 7	10-1030	M TH	202	L H
39627	LAB	M 8	1030-11	M TH	202	L H
39634	LAB	M 9	11-1130	M TH	202	L H
39641	LAB	M10	1130-12	M TH	202	L H

GER 103 CONTINUED

39659	LAB	M11	12-1230	M	TH	202	L	H
39666	LAB	M12	1230-1	M	TH	202	L	H
39673	LAB	M13	1-130	M	TH	202	L	H
39681	LAB	M14	130-2	M	TH	202	L	H
39698	LAB	M15	2-230	M	TH	202	L	H
39709	LAB	M16	230-3	M	TH	202	L	H
39716	LAB	M17	3-330	M	TH	202	L	H
39723	LAB	M18	330-4	M	TH	202	L	H
39731	LAB	M19	4-430	M	TH	202	L	H
39748	LAB	M20	430-5	M	TH	202	L	H
39755	LAB	M21	5-530	M	TH	202	L	H
39762	LAB	M22	530-6	M	TH	202	L	H
39770	LAB	M25	7-730PM	M	TH	202	L	H
39787	LAB	M26	730-8PM	M	TH	202	L	H
39794	LAB	M27	8-830PM	M	TH	202	L	H
39805	LAB	M28	830-9PM	M	TH	202	L	H

GER 104 INTERMEDIATE COURSE, II.

PREREQUISITE: GER. 103, OR THREE YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT.

4 HOURS

ALL STUDENTS OF THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

*SECTION C2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL D3 SECTION OF GERMAN 103.

39820	LECT-DISC	A	8	MTUWTH	223	D	K	H
39837	LECT-DISC	B	9	MTUWTH	223	D	K	H
39844	LECT-DISC	C1	10	MTUWTH	223	D	K	H
40149	LECT-DISC	*C2	10	MTUWTH	396	L	H	
39851	LECT-DISC	D	11	MTUWTH	223	D	K	H
39869	LECT-DISC	X	12	MTUWTH	223	D	K	H
39876	LECT-DISC	E	1	MTUWTH	223	D	K	H
39883	LECT-DISC	F	2	MTUWTH	223	D	K	H
39891	LECT-DISC	G	3	MTUWTH	223	D	K	H
39901	LAB	M 3	8-830	M	TH	202	L	H
39919	LAB	M 4	830-9	M	TH	202	L	H
39926	LAB	M 5	9-930	M	TH	202	L	H
39933	LAB	M 6	930-10	M	TH	202	L	H
39941	LAB	M 7	10-1030	M	TH	202	L	H
39958	LAB	M 8	1030-11	M	TH	202	L	H
39965	LAB	M 9	11-1130	M	TH	202	L	H
39972	LAB	M10	1130-12	M	TH	202	L	H
39980	LAB	M11	12-1230	M	TH	202	L	H
39997	LAB	M12	1230-1	M	TH	202	L	H
40003	LAB	M13	1-130	M	TH	202	L	H
40011	LAB	M14	130-2	M	TH	202	L	H
40028	LAB	M15	2-230	M	TH	202	L	H
40035	LAB	M16	230-3	M	TH	202	L	H
40042	LAB	M17	3-330	M	TH	202	L	H
40050	LAB	M18	330-4	M	TH	202	L	H
40067	LAB	M19	4-430	M	TH	202	L	H
40074	LAB	M20	430-5	M	TH	202	L	H
40081	LAB	M21	5-530	M	TH	202	L	H
40099	LAB	M22	530-6	M	TH	202	L	H
40100	LAB	M25	7-730PM	M	TH	202	L	H
40117	LAB	M26	730-8PM	M	TH	202	L	H
40124	LAB	M27	8-830PM	M	TH	202	L	H
40131	LAB	M28	830-9PM	M	TH	202	L	H

GER 108 READINGS IN GERMAN.

PREREQUISITE: GER. 107.

3 HOURS

40156	LECT-DISC	E	1	M	WTH	388	L	H	ALLEN
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GER 111 CONVERSATIONAL GERMAN.

PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO GER. 103.

4 HOURS

40163	LECT-DISC	E	1	MTUWTH	329	G	H	FOLTER
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GER 113 PRACTICE IN CONVERSATION.

PREREQUISITE: GER. 102 OR EQUIVALENT. STUDENTS WHO HAVE COMPLETED GER. 104 MAY ENROLL ONLY WITH DEPARTMENTAL PERMISSION.

2 HOURS

40171	LECT-DISC	M	9	TU TH	336	L	H	PABISCH
40188	LECT-DISC	P	11	TU TH	336	L	H	PABISCH

GER	123	INTERMEDIATE COURSE. PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT. 4 HOURS	40195	LECT-DISC	E	1	MTUWTH	270	L H	SCHWALBE
GER	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS	40206	CONF		ARR				
COURSES FOR ADVANCED UNDERGRADUATES										
GER	201	GERMAN LITERATURE SINCE 1648 IN ENGLISH TRANSLATION. 3 HOURS NO KNOWLEDGE OF GERMAN REQUIRED.	40213	LECT-DISC	D	11	M W F	370	L H	MCGLATHERY
GER	208	GERMAN SOURCE READINGS FROM THE HISTORY OF SCIENCE. PREREQUISITE: GER. 104 OR FOUR YEARS OF HIGH SCHOOL GERMAN. 3 HOURS	40221	LECT-DISC	A	8	M W F	370	L H	HAILE
GER	210	MASTERPIECES OF GERMAN LITERATURE. PREREQUISITE: TWO YEARS OF COLLEGE GERMAN OR EQUIVALENT. 3 HOURS	40238	LECT-DISC	A	8	M W F	336	L H	BURKHARD
			40245	LECT-DISC	C	10	M W F	388	L H	GRAY
			40252	LECT-DISC	D	11	M W F	270	L H	FIGGE
GER	211	CONVERSATION AND WRITING, I. PREREQUISITE: GER. 103 AND 113, OR GER. 104, OR EQUIVALENT. 3 HOURS	40260	LECT-DISC	F1	2	MTUWTH	336	L H	FIGGE
			40277	LECT-DISC	F2	2	MTUWTH	388	L H	DELL ORTO
			40284	LECT-DISC	G1	3	MTUWTH	186	L H	
			40291	LECT-DISC	G2	3	MTUWTH	388	L H	JOHNSON
GER	212	CONVERSATION AND WRITING, II. PREREQUISITE: GER. 211 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. 3 HOURS	40302	LECT-DISC	F	2	MTUWTH	270	L H	
			40310	LECT-DISC	G	3	MTUWTH	270	L H	FOLTER
GER	250	THE NOVELLE OF THE NINETEENTH CENTURY. PREREQUISITE: GER. 210. 3 HOURS	40327	LECT-DISC	C	10	M W F	336	L H	SCHIER
GER	251	THE GERMAN NOVELLE OF THE TWENTIETH CENTURY. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	40334	LECT-DISC	E	1	M W F	336	L H	MCGLATHERY
GER	252	NINETEENTH CENTURY GERMAN DRAMA. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	40341	LECT-DISC	C	10	M W F	270	L H	SCHWALBE
GER	260	LYRICS AND BALLADS. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	40359	LECT-DISC	B	9	M W F	336	L H	LORBE
GER	281	TEACHERS COURSE. PREREQUISITE: CONSENT OF INSTRUCTOR. 2 HOURS WILL NOT MEET DURING SIX WEEK STUDENT TEACHING PERIOD.	40366	LECT-DISC	X	12	M W F	336	L H	MARCHAND

GER 291 SENIOR THESIS AND HONORS COURSE, I.
 PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS
 40373 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GER 301 GERMAN LITERATURE TO 1700.
 PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE
 OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 40381 LECT-DISC D 11 M W F 186 L H STEGEMEIER

GER 303 ADVANCED CONVERSATION, COMPOSITION, AND SYNTAX.
 PREREQUISITE: THREE YEARS OF COLLEGE GERMAN, INCLUDING GER. 212, OR
 CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 40398 LECT-DISC F 2 MTUWTH 162 L H FOLTER
 40409 LECT-DISC G 3 MTUWTH 162 L H HOLST

GER 306 CONTEMPORARY GERMAN POETRY.
 PREREQUISITE: GER. 305 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 40416 LECT-DISC D 11 M W F 388 L H LORBE

GER 311 GOETHE.
 PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE
 OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 40423 LECT-DISC A 8 M W F 270 L H MITCHELL

GER 320 HISTORY OF GERMAN CIVILIZATION.
 PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE
 OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT
 40431 LECT B 9 MTUW F 396 L H STEGEMEIER

GER 365 GERMAN PHONOLOGY AND MORPHOLOGY.
 PREREQUISITE: THREE YEARS OF COLLEGE GERMAN, OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 40448 LECT-DISC B 9 M W F 370 L H ANTONSEN

GER 392 TOPICS IN GERMAN LITERATURE.
 PREREQUISITE: TWO ADVANCED COURSES IN GERMAN LITERATURE.
 4 HOURS, OR 1 UNIT
 *SECTION G TOPIC: HEBBEL.
 *SECTION X TOPIC: HOFMANNSTHAL.
 40455 LECT-DISC *G 3 M WTH 336 L H GERLACH
 40462 LECT-DISC *X 12 M W F 388 L H LORBE

COURSES FOR GRADUATES

GER 400 BEGINNING GERMAN FOR GRADUATE STUDENTS.
 4 HOURS
 40470 LECT-DISC A 8 MTUWTH 396 L H FON WEARINGA
 40487 LECT-DISC X 12 MTUWTH 396 L H FON WEARINGA
 40494 LECT-DISC E 1 MTUWTH 396 L H
 40505 LECT-DISC F 2 MTUWTH 396 L H

GER 401 READINGS IN GERMAN FOR GRADUATE STUDENTS.
 PREREQUISITE: GER. 400 OR EQUIVALENT.
 4 HOURS
 40512 LECT-DISC A 8 M W F 162 L H ANTONSEN
 40520 LECT-DISC X1 12 M W F 162 L H SCHWALBE
 40537 LECT-DISC X2 12 M W F 370 L H RAUCH

GER 411 PROSEMINAR.
 PREREQUISITE: CONCURRENT REGISTRATION IN GER. 495.
 1 UNIT
 TOPIC: GOETHE RESEARCH.
 40544 LECT-DISC F 2-5 F 429 LIB HAILE

GER	412	PROSEMINAR. PREREQUISITE: GER. 365 OR EQUIVALENT. 1 UNIT TOPIC: MODERN GERMAN DIALECTS AND DIALECTOLOGY.	40551	LECT-DISC B	9-12	TH	50C L H	ANTONSEN
GER	415	MIDDLE HIGH GERMAN. PREREQUISITE: GER. 365. 1 UNIT	40569	LECT-DISC E	1	M W F	370 L H	GRAY
GER	445	OLD HIGH GERMAN. PREREQUISITE: GER. 365. 1 UNIT	40576	LECT-DISC C	10	M W F	429 LIB	RAUCH
GER	461	SEMINAR IN MODERN GERMAN LITERATURE. PREREQUISITE: GER. 411 AND 495. 1 UNIT SECTION Z TOPIC: BAROQUE POETRY.	40583	LECT-DISC Z	7-PM	TU	429 LIB	STEGEMEIER
GER	493	RESEARCH IN SPECIAL TOPICS. *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS. *1/4 TO 2 UNITS SECTION H TOPIC: STUDIES IN BRECHT.	40591	LECT-DISC H	4-6	W	336 L H	KNUST
GER	495	BIBLIOGRAPHY AND METHODS IN LITERARY HISTORY. PREREQUISITE: CONCURRENT REGISTRATION IN GER. 411. 1/2 UNIT	40601	LECT-DISC H	4-6	W	429 LIB	FREY
GER	499	THESIS RESEARCH. 0 TO 4 UNITS	40619	CONF	ARR			

GERMANIC

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

GMC	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS TOPIC: DUTCH.	40626	CONF	ARR			FON WEARINGA
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COURSES FOR GRADUATES

GMC	462	SEMINAR IN GERMANIC LINGUISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 2 UNITS	40633	LECT-DISC E	1-4	F	396 L H	RAUCH
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GREEK

DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (LATIN BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

CREDIT FOR NEW TESTAMENT GREEK TRANSFERRED FROM OTHER INSTITUTIONS IS NOT COUNTED TOWARD A MAJOR OR MINOR UNTIL AFTER THE SATISFACTORY COMPLETION OF GREEK 201-202 AND THEN ONLY TO A POSSIBLE MAXIMUM OF EIGHT HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF ONE SEMESTER OF GREEK 391.

COURSES FOR UNDERGRADUATES

GRK	101	ELEMENTARY GREEK. *NO CREDIT TOWARD GRADUATION IS GIVEN FOR GRK 101 WITHOUT GRK 102. *4 HOURS	40641	LECT-DISC	A	11	MTUWTH	362	L H	TAYLOR
GRK	112	ELEMENTARY KOINE GREEK. PREREQUISITE: GRK. 111 OR EQUIVALENT. 4 HOURS	40658	LECT-DISC	A	2	MTUWTH	209	D K H	ROBBINS

COURSES FOR ADVANCED UNDERGRADUATES

GRK	201	SECOND-YEAR GREEK, I. PREREQUISITE: GRK. 102 OR EQUIVALENT. 4 HOURS	40665	LECT-DISC	A	11	MTUWTH	209	D K H	BRIGHT
GRK	291	SENIOR THESIS. OPEN TO CANDIDATES FOR DISTINCTION IN GREEK. PREREQUISITE: SENIOR STANDING. 2 TO 4 HOURS	40672	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GRK	301	THIRD-YEAR GREEK, I. PREREQUISITE: GREEK 202. 3 HOURS OR 1/2 UNIT	40680	LECT-DISC	A	11	M W F	394	L H	NEWMAN
GRK	309	THE STRUCTURE OF GREEK. PREREQUISITE: GRK. 202 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT	40697	LECT-DISC	A	2	M W F	362	L H	TAYLOR
GRK	391	READINGS IN GREEK LITERATURE. PREREQUISITE: GREEK 302 OR EQUIVALENT. *MAY BE REPEATED FOR MAXIMUM OF 12 HOURS CREDIT. *3 HOURS OR 3/4 UNIT SECTION A: PATRISTIC AUTHORS. SECTION B: HISTORIANS.	40708 40715	LECT-DISC	A B	1 11	M W F M W F	409 409	L I B L I B	SCHOEDEL NAOUMIDES

UNLESS OTHERWISE NOTED, THE PREREQUISITE TO ALL COURSES IS THREE YEARS OF COLLEGE GREEK.

COURSES FOR GRADUATES

GRK	412	LUCIAN AND HIS AGE. 1 UNIT							
	40722	LECT-DISC A	9-11	TU TH	409	LIB		HELLER	
GRK	422	SOPHOCLES. 1 UNIT							
	40730	LECT-DISC A	9-11	M W	409	LIB		MARCOVICH	
GRK	491	DIRECTED READING. PREREQUISITE: SECOND YEAR GRADUATE STANDING. *NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D. 1/4 TO 1 UNIT							
	40747	CONF	ARR					STAFF	
	38518	LECT L	2	M W F	147	N H B		O ANDERSON	
GRK	495	BIBLIOGRAPHY AND CRITICISM, I. SAME AS LAT. 495. PREREQUISITE: FOUR YEARS OF COLLEGE LATIN OR EQUIVALENT. 1/2 UNIT							
	40754	LECT-DISC A	2	TU TH	409	LIB		OLIVER	
GRK	499	THESIS RESEARCH. 0 TO 4 UNITS							
	40761	CONF	ARR					STAFF	

HEALTH EDUCATION

DEPARTMENT OFFICE

114 HUFF GYM

COURSES FOR UNDERGRADUATES

H ED	110	PUBLIC HEALTH. (FORMERLY HEALTH SCIENCE 110). PREREQUISITE: TWO HOURS CREDIT IN HEALTH SCIENCE OR HEALTH EDUCATION OR SOPHOMORE STANDING. 2 HOURS							
	40779	LECT-DISC P	11	TU TH	144	BEV HALL		FELLA	
H ED	150	HEALTH AND MODERN LIFE. PREREQUISITE: CREDIT OR REGISTRATION IN ZOOL. 104, OR CONSENT OF INSTRUCTOR. 3 HOURS							
	40786	LECT-DISC A	8	M W F	207	H G		STAFF	
	40793	LECT-DISC D	11	M W F	211	H G		STONE	
	40804	LECT-DISC E	1	M W F	211	H G		CONLEY	
	40811	LECT-DISC F	2	M W F	211	H G		OLSEN	

COURSES FOR ADVANCED UNDERGRADUATES

H ED	200	MENTAL HEALTH. (FORMERLY HEALTH SCIENCE 200). 2 HOURS THIS COURSE WILL BE TAUGHT BY A PSYCHIATRIST.							
	40829	LECT-DISC P	11	TU TH	393	BEV HALL		STAFF	
	40836	LECT-DISC R	1	TU TH	144	BEV HALL		STAFF	

H ED 206 SEX EDUCATION AND FAMILY LIFE.
(FORMERLY HEALTH SCIENCE 206).
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS
INSTRUCTORS TEACHING H. ED. 206 ARE BOSTROM, CAVINS, CONLEY, GENT,
KIRSCH, STUBING, TEIGLER, AND YOUNG.

40843	LECT-DISC	B	9	M	W	393	BEV HALL	STAFF
40851	LECT-DISC	C	10	M	W	393	BEV HALL	STAFF
40868	LECT-DISC	E	1	M	W	393	BEV HALL	STAFF
40875	LECT-DISC	F	2	M	W	393	BEV HALL	STAFF
40882	LECT-DISC	L	8	TU	TH	393	BEV HALL	STAFF
40890	LECT-DISC	M	9	TU	TH	393	BEV HALL	STAFF
40901	LECT-DISC	N	10	TU	TH	393	BEV HALL	STAFF
40918	LECT-DISC	R	1	TU	TH	393	BEV HALL	CONLEY
40925	LECT-DISC	S	2	TU	TH	393	BEV HALL	CONLEY

H ED 216 MEDICAL TERMINOLOGY CORRELATED WITH COMMUNITY HEALTH PROBLEMS.
(FORMERLY HEALTH SCIENCE 216).
PREREQUISITE: JUNIOR STANDING; ENROLLMENT IN THE OCCUPATIONAL THERAPY CURRICULUM.
3 HOURS

40932	LECT-DISC	E	1	M	W	F	144	BEV HALL	TEIGLER
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H ED 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.
APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS

40940	LAB-DISC	D1	ARR						STAFF
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H ED 260 HONORS SEMINAR.
SAME AS P. E. M., P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS
SECTION &X1 TOPIC: CURRENT PROBLEMS.
SECTION &X2 TOPIC: INTRODUCTION TO RESEARCH.

40957	LECT-DISC	&X1	7-9PM	W		207B	FREER GYM	
40964	LECT-DISC	&X2	7-9PM	W		15	E B	

H ED 281 FIRST AID.
2 HOURS

40971	LECT-DISC	L	8	TU	TH	211	H G	STONE
40989	LECT-DISC	N	10	TU	TH	211	H G	CONLEY
40996	LECT-DISC	P	11	TU	TH	211	H G	STAFF
41009	LECT-DISC	R	1	TU	TH	211	H G	STAFF
41016	LECT-DISC	S	2	TU	TH	211	H G	STAFF

H ED 282 ORGANIZATION OF SCHOOL HEALTH PROGRAMS.
3 HOURS
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN ROOM 212A HUFF GYM.

41023	LECT-DISC	A	*8	M	W	F	211	H G	CRESWELL
41031	LECT-DISC	D	*11	M	W	F	336	L H	OLSEN
41048	LECT-DISC	F	*2	M	W	F	207	H G	CONLEY

H ED 283 MAN AND HIS DISEASES.
PREREQUISITE: HL. SC. 104, 110, PHYSL. 103.
2 HOURS

41055	LECT-DISC	M	9	TU	TH	211	H G	STONE
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H ED 285 SEX EDUCATION FOR TEACHERS.
PREREQUISITE: ADVANCED STANDING.
2 HOURS

41062	LECT-DISC	T	3	TU	TH	207	H G	CONLEY
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H ED 288 PRINCIPLES OF HEALTH EDUCATION.
PREREQUISITE: H. ED. 282.
3 HOURS
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN ROOM 212A HUFF GYM.

41070	LECT-DISC	B	*9	M	W	F	207A	H G	CRESWELL
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H ED 289 HEALTH EDUCATION FIELD WORK.
 PREREQUISITE: JUNIOR STANDING IN COMMUNITY HEALTH EDUCATION.
 0 CREDIT
 41087 LAB-DISC ARR

OLSEN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

H ED 369 INTRODUCTION TO HUMAN ECOLOGY.
 SAME AS GEOG., ANTH., PHYSL., PSYCH., SOC., V. M. S., AND
 ZOOL. 369.
 PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY,
 GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.
 *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND
 MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
 *3 OR 5 HOURS, OR 1/2 OR 1 UNIT
 41094 LECT-DISC 11 M W F 112 C A

SHIMKIN AND
 OTHERS

H ED 392 HEALTH AND SAFETY EDUCATION IN THE ELEMENTARY SCHOOL.
 PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE.
 3 HOURS OR 1/2 UNIT
 41105 LECT-DISC H 4-6 W 428 ARMORY

STONE AND
 O REILLY

COURSES FOR GRADUATES

H ED 400 SCIENTIFIC FOUNDATIONS OF HEALTH EDUCATION.
 PREREQUISITE: UNDERGRADUATE COURSES BEYOND THE ELEMENTARY LEVEL IN
 THE BIOLOGICAL AND PHYSICAL SCIENCES AND IN HEALTH EDUCATION.
 1 UNIT
 41112 LECT-DISC U 4-6 TU 207A H G

STAFF

H ED 403 PROBLEMS IN PUBLIC HEALTH.
 1/2 OR 1 UNIT
 41120 LECT-DISC H 4-6 M 207A H G

STONE & OLSEN

H ED 490 SEMINAR.
 PREREQUISITE: H. ED. 495.
 0 CREDIT
 41137 LECT-DISC ARR 400 H G

HUFFMAN

H ED 493 SPECIAL PROJECTS.
 PREREQUISITE: EDPSY. 390, P. E. 495, AND H. ED. 400 OR
 EQUIVALENTS, DOCTORAL CANDIDATE.
 1/2 OR 1 UNIT
 41144 CONF ARR

H ED 495 RESEARCH METHODS IN HEALTH AND SAFETY EDUCATION.
 PREREQUISITE: EDPSY. 390 OR EQUIVALENT.
 1/2 UNIT
 41151 LECT-DISC U 4-6 TH 207A H G
 LAB U 9-11 F 400 H G

CRESWELL AND
 HUFFMAN
 HUFFMAN

H ED 499 THESIS RESEARCH.
 PREREQUISITE: H. ED. 495.
 1/2 TO 2 UNITS
 41169 CONF ARR

STAFF

HEBREW

DEPARTMENT OFFICE

361 L H

COURSES FOR UNDERGRADUATES

HEBR 110 INTRODUCTION TO BIBLICAL HEBREW.

4 HOURS

41176 LECT-DISC A 1 MTUWTH 209 D K H

MARBLESTONE

HIGHER EDUCATION

DEPARTMENT OFFICE

341 ARMORY

COURSES FOR GRADUATES

HI ED 442 JUNIOR COLLEGE.

SAME AS VOTEC. 442.

1 UNIT

41183 LECT-DISC A 7-9PM TU 331 ARMORY

41191 LECT-DISC B 1-3 TU 150 ARMORY

ANDERSON

O'BANION

HI ED 443 THE COLLEGE STUDENT.

1 UNIT

41201 LECT-DISC 7-9PM TH 331 ARMORY

WELLNER

HI ED 467 THE AMERICAN COLLEGE AND UNIVERSITY.

1 UNIT

41219 LECT-DISC 3-5 M 153 ARMORY

FLEY

HI ED 477 STUDENT PERSONNEL WORK IN HIGHER EDUCATION.

1 UNIT

41226 LECT-DISC 7-9PM W 331 ARMORY

WELLNER

HI ED 478 THE ADMINISTRATION OF STUDENT PERSONNEL WORK.

PREREQUISITE: HI. ED. 477 OR THE EQUIVALENT.

1 UNIT

41233 LECT-DISC 7-9PM M 331 AMORY

O'BANION

HI ED 480 INTERNSHIP IN THE ADMINISTRATION OF HIGHER EDUCATION.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

41241 CONF ARR

STAFF

HINDI

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

HINDI 201 ELEMENTARY HINDI, I.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR HINDI 201 WITHOUT
HINDI 202.
5 HOURS

41258	LECT-DISC		1	M WTHF	311	D H	
41265	LAB-DISC	A	1	TU	311	D H	SUBBARAO BHATIA
41272	LAB-DISC	B	9	TU	312	D H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HINDI 303 INTERMEDIATE HINDI, I.
PREREQUISITE: HINDI 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT

41280	LECT		2	M WTHF	311	D H	
41297	LAB-DISC	A	3	F	312	D H	SUBBARAO BHATIA, KOUL
41308	LAB-DISC	B	2	TU	311	D H	

HINDI 305 ADVANCED HINDI, I.
PREREQUISITE: HINDI 304 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT

41315	LECT-DISC		1	MTWTHF	312	D H	SUBBARAO BHATIA, KOUL
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HINDI 307 ADVANCED HINDI, III.
PREREQUISITE: HINDI 306 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT

41322	LECT-DISC		11-1230	M F	355	1208 W CAL	Y KACHRU
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HINDI 309 READINGS IN HINDI LITERATURE IN TRANSLATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT

41330	LECT-DISC		230-4	M F	ARR		B KACHRU BHATIA
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HISTORY

DEPARTMENT OFFICE

359 ARMORY

MAJOR: TWENTY-FOUR HOURS IN HISTORY, ALL IN COURSES HAVING JUNIOR STANDING AS A PREREQUISITE: ONE FRESHMAN-SOPHOMORE SURVEY COURSE SEQUENCE (HISTORY 111-112, 131-132, 151-152, 181-182, 191-192; DGS 121-122) OR ITS EQUIVALENT, MUST BE TAKEN AS A PREREQUISITE TO THE MAJOR. THE COURSES OFFERED MUST INCLUDE AT LEAST TWELVE HOURS IN AN AREA OF SPECIALIZATION AND AT LEAST SIX HOURS IN A SECOND AREA. THE FOLLOWING AREAS MAY BE SELECTED: ANCIENT, MEDIEVAL AND RENAISSANCE; EUROPE SINCE 1500; UNITED STATES AND LATIN AMERICA; ASIA. ALL MAJORS ARE REQUIRED TO TAKE HISTORY 298; TO BE ELIGIBLE FOR THIS COURSE, EACH MAJOR MUST HAVE SENIOR STANDING.

MINORS: TWENTY HOURS, NOT INCLUDING MORE THAN FOUR HOURS OPEN TO FRESHMEN, IN ONE OR TWO OF THE FOLLOWING: ANCIENT OR MODERN LANGUAGE EXCLUDING ELEMENTARY COURSES 101 AND 102, ANTHROPOLOGY, ECONOMICS, ENGLISH AND AMERICAN LITERATURE, GEOGRAPHY, LIBRARY SCIENCE, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY. ONE OF THE CURRICULA IN LATIN AMERICAN STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, ASIAN STUDIES OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR, EXCLUDING THE COURSES IN HISTORY.

COURSES FOR UNDERGRADUATES

HIST 111 HISTORY OF WESTERN CIVILIZATION TO 1815.

4 HOURS

*DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

STUDENTS WHO REGISTER IN LECTURE 1 MUST ALSO REGISTER IN ONE DISCUSSION SECTION IN THE GROUP A1 THROUGH L3.

STUDENTS WHO REGISTER IN LECTURE 2 MUST ALSO REGISTER IN ONE DISCUSSION SECTION IN THE GROUP M THROUGH X7.

41347	DISC	A1	8	W F	317	G H
	LECT	I	10	TU TH	112	G H
41354	DISC	A2	8	W F	254	ADMIN
	LECT	I	10	TU TH	112	G H
41361	DISC	B1	8	W F	146	ARMORY
	LECT	I	10	TU TH	112	G H
41379	DISC	B2	9	W F	133	ARMORY
	LECT	I	10	TU TH	112	G H
41386	DISC	C1	10	W F	317	G H
	LECT	I	10	TU TH	112	G H
41393	DISC	C2	10	M W	133	ARMORY
	LECT	I	10	TU TH	112	G H
41404	DISC	D1	11	W F	133	ARMORY
	LECT	I	10	TU TH	112	G H
41411	DISC	D2	12	TU TH	317	G H
	LECT	I	10	TU TH	112	G H
41429	DISC	E	12	TU TH	133	ARMORY
	LECT	I	10	TU TH	112	G H
41436	DISC	F	12	W F	133	ARMORY
	LECT	I	10	TU TH	112	G H
41443	DISC	G	1	W F	133	ARMORY
	LECT	I	10	TU TH	112	G H
41451	DISC	H	1	W F	254	ADMIN
	LECT	I	10	TU TH	112	G H
41468	DISC	J	1	TU TH	317	G H
	LECT	I	10	TU TH	112	G H
41475	DISC	K	1	TU TH	133	ARMORY
	LECT	I	10	TU TH	112	G H
41482	DISC	L	2	TU TH	317	G H
	LECT	I	10	TU TH	112	G H
41490	DISC	L1	2	TU TH	254	ADMIN
	LECT	I	10	TU TH	112	G H
41501	DISC	L2	3	TU TH	317	G H
	LECT	I	10	TU TH	112	G H
41518	DISC	L3	3	M W	317	G H
	LECT	I	10	TU TH	112	G H
41525	DISC	M	8	TU TH	254	ADMIN
	LECT	II	9	M W	112	G H
41532	DISC	N	8	TU TH	146	ARMORY
	LECT	II	9	M W	112	G H
41685	DISC	*&S	9	TU TH	313	G H
	LECT	*II	9	M W	112	G H
41540	DISC	O	9	TU TH	133	ARMORY
	LECT	II	9	M W	112	G H
41557	DISC	P	9	TU TH	146	ARMORY
	LECT	II	9	M W	112	G H
41564	DISC	R	10	TU TH	133	ARMORY
	LECT	II	9	M W	112	G H
41571	DISC	T	11	M W	317	G H
	LECT	II	9	M W	112	G H
41589	DISC	U	11	M W	146	ARMORY
	LECT	II	9	M W	112	G H
41596	DISC	W	11	TU TH	133	ARMORY
	LECT	II	9	M W	112	G H
41607	DISC	X	12	TU TH	254	ADMIN
	LECT	II	9	M W	112	G H
41614	DISC	X1	12	M W	317	G H
	LECT	II	9	M W	112	G H
41621	DISC	X2	1	TU TH	313	G H
	LECT	II	9	M W	112	G H
41639	DISC	X3	1	M W	317	G H
	LECT	II	9	M W	112	G H
41646	DISC	X4	2	TU TH	313	G H
	LECT	II	9	M W	112	G H
41653	DISC	X5	2	TU TH	307	G H
	LECT	II	9	M W	112	G H
41661	DISC	X6	2	M W	307	G H
	LECT	II	9	M W	112	G H
41678	DISC	X7	3	TU TH	307	G H
	LECT	II	9	M W	112	G H

TREXLER

HINELY

HIST 131 HISTORY OF ENGLAND TO 1688.

*4 HOURS

*DISC. &S--RESERVED FOR JAMES SCHOLARS AND STUDENTS OF VERY HIGH STANDING.

41692	LECT		11	M W	L H THEATRE	FOSTER
41703	DISC	A	8	TU TH	317 G H	
41711	DISC	B	8	TU TH	133 ARMORY	
41728	DISC	C	9	TU TH	317 G H	
41735	DISC	D	9	TU TH	331 G H	
41742	DISC	E	10	TU TH	317 G H	
41750	DISC	F	10	TU TH	313 G H	
41767	DISC	G	11	TU TH	317 G H	
41774	DISC	H	12	M W	313 G H	
41781	DISC	J	12	TU TH	313 G H	
41799	DISC	K	12	TU TH	307 G H	
41800	DISC	L	1	M W	307 G H	
41817	DISC	M	1	TU TH	254 ADMIN	
41824	DISC	N	1	TU TH	307 G H	
41831	DISC	O	2	M W	254 ADMIN	
41888	DISC	*&S	2	TU TH	331 G H	FOSTER
41849	DISC	P	2	TU TH	106 L H	
41856	DISC	R	2	TU TH	146 ARMORY	
41863	DISC	T	3	TU TH	331 G H	
41871	DISC	U	3	M W	254 ADMIN	

HIST 151 HISTORY OF THE UNITED STATES TO 1865.

*CREDIT IS NOT GIVEN FOR BOTH HIST. 151 AND 261.

*4 HOURS

DISC. &S--RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

41895	LECT		9	TU TH	L H THEATRE	MCCOLLEY
41906	DISC	A	8	W F	428 ARMORY	
41913	DISC	B	9	W F	106 L H	
41921	DISC	C	9	W F	331 G H	
41938	DISC	D	9	W F	428 ARMORY	
41945	DISC	E	10	TU TH	146 ARMORY	
41952	DISC	F	10	TU TH	428 ARMORY	
41960	DISC	G	10	W F	331 G H	
41977	DISC	H	10	W F	428 ARMORY	
41984	DISC	J	11	TU TH	146 ARMORY	
42118	DISC	&S	11	TU TH	331 G H	MCCOLLEY
41991	DISC	K	11	TU TH	428 ARMORY	
42004	DISC	L	11	W F	307 G H	
42011	DISC	M	11	W F	331 G H	
42029	DISC	N	12	TU TH	331 G H	
42036	DISC	O	12	M W	307 G H	
42043	DISC	P	12	W F	254 ADMIN	
42051	DISC	R	1	TU TH	331 G H	
42068	DISC	T	1	TU TH	428 ARMORY	
42075	DISC	U	1	M W	428 ARMORY	
42082	DISC	W	1	W F	313 G H	
42090	DISC	X1	2	W F	313 G H	
42101	DISC	X2	3	TU TH	428 ARMORY	

HIST 152 HISTORY OF THE UNITED STATES FROM 1865 TO THE PRESENT.

*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.

*4 HOURS

DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

42125	DISC	A	8	TU TH	307 G H	
	LECT	I	9	M W	100 N L	KRUEGER
42132	DISC	B	8	TU TH	331 G H	
	LECT	I	9	M W	100 N L	
42140	DISC	C	8	TU TH	106 L H	
	LECT	I	9	M W	100 N L	
42157	DISC	D	9	TU TH	254 ADMIN	
	LECT	I	9	M W	100 N L	
42164	DISC	E	9	TU TH	307 G H	
	LECT	I	9	M W	100 N L	
42171	DISC	F	9	TU TH	106 L H	
	LECT	I	9	M W	100 N L	
42189	DISC	G	10	TU TH	307 G H	
	LECT	I	9	M W	100 N L	
42196	DISC	H	10	TU TH	254 ADMIN	
	LECT	I	9	M W	100 N L	
42207	DISC	J	10	TU TH	331 G H	
	LECT	I	9	M W	100 N L	

HIST 152 CONTINUED

42214	DISC	K	10	M W	254	ADMIN
	LECT	I	9	M W	100	N L
42221	DISC	L	10	M W	307	G H
	LECT	I	9	M W	100	N L
42239	DISC	L 1	11	TU TH	254	ADMIN
	LECT	I	9	M W	100	N L
42246	DISC	L 2	11	TU TH	307	G H
	LECT	I	9	M W	100	N L
42253	DISC	L 3	11	TU TH	106	L H
	LECT	I	9	M W	100	N L
42261	DISC	L 4	12	TU TH	106	L H
	LECT	I	9	M W	100	N L
42278	DISC	L 5	1	TU TH	106	L H
	LECT	I	9	M W	100	N L
42285	DISC	L 6	1	TU TH	146	ARMORY
	LECT	I	9	M W	100	N L
42292	DISC	L 7	2	TU TH	133	ARMORY
	LECT	I	9	M W	100	N L
42303	DISC	L 8	2	TU TH	428	ARMORY
	LECT	I	9	M W	100	N L
42311	DISC	L 9	3	TU TH	106	L H
	LECT	I	9	M W	100	N L
42328	DISC	L10	3	TU TH	146	ARMORY
	LECT	I	9	M W	100	N L
42335	DISC	M	8	M W F	133	ARMORY
	LECT	II	2	M W	112	G H
42342	DISC	N	8	TU TH	428	ARMORY
	LECT	II	2	M W	112	G H
42350	DISC	O	9	TU TH	428	ARMORY
	LECT	II	2	M W	112	G H
42367	DISC	P	9	M W F	146	ARMORY
	LECT	II	2	M W	112	G H
42374	DISC	R	10	M W	184	L H
	LECT	II	2	M W	112	G H
42381	DISC	T	10	M W	146	ARMORY
	LECT	II	2	M W	112	G H
42399	DISC	U	10	TU TH	106	L H
	LECT	II	2	M W	112	G H
42400	DISC	W	11	TU TH	313	G H
	LECT	II	2	M W	112	G H
42417	DISC	X1	11	M W	106	L H
	LECT	II	2	M W	112	G H
42424	DISC	X2	11	M W	428	ARMORY
	LECT	II	2	M W	112	G H
42431	DISC	X3	12	TU TH	146	ARMORY
	LECT	II	2	M W	112	G H
42449	DISC	X4	12	TU TH	428	ARMORY
	LECT	II	2	M W	112	G H
42456	DISC	X5	1	M W	331	G H
	LECT	II	2	M W	112	G H
42463	DISC	X6	3	TU TH	254	ADMIN
	LECT	II	2	M W	112	G H
42471	DISC	ES	3	M W	307	G H
	LECT	II	2	M W	112	G H

WALLER

HIST 181 THE ANCIENT WORLD. ANCIENT EMPIRES AND GREECE.
 PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH
 DESIGNATION AS JAMES SCHOLAR.
 3 HOURS

42488	LECT		3	M W	223	G H
42495	DISC	A	1	TH	370	L H
42506	DISC	B	2	TH	370	L H
42513	DISC	C	1	F	317	G H
42521	DISC	D	2	F	254	ADMIN

HIST 191 TRADITIONAL EASTERN CIVILIZATIONS.
 4 HOURS

42538	LECT		11	M W F	66	LIB
42545	DISC	A	1	M	313	G H
42552	DISC	B	1	M W	146	ARMORY
42560	DISC	C	2	M	313	G H
42577	DISC	D	2	M W	146	ARMORY
42584	DISC	E	3	TU	133	ARMORY
42591	DISC	F	3	W	146	ARMORY
42602	DISC	G	3	TH	133	ARMORY
42610	DISC	H	4	M	313	G H
42627	DISC	J	4	TH	133	ARMORY

CRAWFORD, D
AND PIERSON

HIST 198 FRESHMAN SEMINAR.
 PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A
 SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
 3 HOURS
 *TOPICS IN AMERICAN HISTORY.
 42634 DISC 1-215 M W 317A D K H FARNHAM

HIST 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 42641 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

HIST 209 THE NEAR EAST FROM MOHAMMED TO NAPOLEON.
 PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
 2 HOURS
 42659 LECT 8 TU TH 313 G H DAWN

HIST 211 THE CONTEMPORARY WORLD: POLITICAL, IDEOLOGICAL, AND
 INTERNATIONAL FORCES.
 3 HOURS
 42666 LECT 9 M W F 114 D K H

HIST 219 SURVEY OF RUSSIAN HISTORY FROM EARLY TIMES TO THE PRESENT.
 PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF
 INSTRUCTOR.
 3 HOURS
 42673 LECT 1 M W F 319 G H RANSEL

HIST 247 SCIENCE IN WESTERN CIVILIZATION, I.
 PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR PHILOSOPHY OR CONSENT
 OF INSTRUCTOR.
 3 HOURS
 42681 LECT 9 M W F 313 G H APPLEBAUM

HIST 260 COLONIAL BEGINNINGS AND THE AMERICAN REVOLUTIONARY ERA
 TO 1789.
 3 HOURS
 42698 LECT 2 M W F 223 G H MCCOLLEY

HIST 261 THE FIRST CENTURY OF THE AMERICAN REPUBLIC.
 *CREDIT IS NOT GIVEN FOR BOTH HIST. 151 AND 261.
 *3 HOURS
 LECT. A IS AN ACCELERATED SECTION FOR TEACHER TRAINEES. IT IS
 OPEN ONLY TO STUDENTS TAKING ED. PR. 241 AND 242, AND WILL NOT MEET
 DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 42709 LECT 1 M W F 114 D K H JOHANSEN
 42716 LECT A 1 MTUWTHF 213 G H

HIST 262 THE UNITED STATES: WORLD POWER IN AN INDUSTRIAL AGE SINCE
 1877.
 *CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.
 *3 HOURS
 42723 LECT 8 M W F 213 G H BATES

HIST 275 HISTORY OF LATIN AMERICA TO 1824.
 3 HOURS
 42731 LECT 8 M W F 331 G H FALCOFF

HIST 290 TEACHING OF HISTORY.
 PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, SENIOR STANDING.
 2 HOURS
 *WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 42748 LECT *8 M W F 307 G H DAHL

HIST 293 THESIS.
 PREREQUISITE: HISTORY MAJOR WITH SENIOR STANDING AND A 4.0 GRADE-
 POINT AVERAGE, AND WRITTEN CONSENT OF THE HONORS ADVISOR.
 *STUDENTS MAY ACCUMULATE 6 HOURS.
 *3 HOURS
 42755 CONF 8 ARR STAFF

HIST 295	READING COURSE.								
	PREREQUISITE: JUNIOR OR SENIOR OF HIGH STANDING AND WRITTEN CONSENT OF THE HONORS ADVISOR.								
	2 TO 4 HOURS								
42762	CONF	&	ARR					STAFF	
HIST 298	COLLOQUIUM IN HISTORY.								
	PREREQUISITE: ENROLLMENT AS A HISTORY MAJOR OR HISTORY TEACHER TRAINEE, WITH SENIOR STANDING.								
	3 HOURS								
42770	DISC	A	1-3	M		36	COM W	MCKAY	
42787	DISC	B	1-3	M		91	COM W	PIERSON	
42794	DISC	C	1-3	TU		96	COM W	SIRICH	
42805	DISC	D	1-3	M		304	G H	SOLBERG	
42812	DISC	E	1-3	M		96	COM W	UROFF	
42820	DISC	F	1-3	TH		20	COM W	WECHSLER	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ONE YEAR OF COLLEGE HISTORY IS REQUIRED EXCEPT WHERE NOTED.

HIST 301	THE MIDDLE AGES, 400 TO 1100 A. D.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42837	LECT		2	M W F		331	G H	QUELLER	
HIST 305	THE AGE OF THE RENAISSANCE.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42844	LECT		9	M W F		223	G H	TREXLER	
HIST 307	CLASSICAL ISLAM: THE NEAR EAST FROM MOHAMMED TO THE CRUSADES.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42851	LECT		8	M W F		313	G H	DAWN	
HIST 309	DEVELOPMENT OF MODERN EUROPE: ABSOLUTISM AND COLONIAL EXPANSION, 1648 TO 1789.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42869	LECT		10	M W F		106	L H	BERNARD	
HIST 311	EUROPEAN HISTORY FROM 1815 TO 1871.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE, OR ECONOMICS.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42876	LECT		11	M W F		213	G H	NICHOLS	
HIST 313	EUROPEAN HISTORY FROM 1918 TO 1939.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE, OR ECONOMICS.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42883	LECT		10	M W F		141	COM W	SUMLER	
HIST 315	ECONOMIC AND SOCIAL HISTORY OF EUROPE TO 1815.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ECONOMICS, OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42891	LECT		8	M W F		106	L H	MCKAY	
HIST 318	MODERN EUROPEAN DIPLOMATIC HISTORY, 1789 TO 1890.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42901	LECT		1	M W F		106	L H	SCHROEDER	
HIST 325	INTELLECTUAL AND CULTURAL HISTORY OF RUSSIA TO 1881.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42919	LECT		8	M W F		223	G H	UROFF	
HIST 327	RUSSIA FROM 1855 TO THE BOLSHEVIK REVOLUTION OF 1917.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE, OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
42926	LECT		9	M W F		66	LIB	FISHER	

HIST 329	HISTORY OF SOUTHEASTERN EUROPE, FOURTEENTH TO THE EIGHTEENTH CENTURY. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	42933	LECT	2	M W F	317	G H	HITCHINS
HIST 341	MODERN BRITAIN, THE VICTORIAN ERA, 1815-1900. 3 HOURS, OR 1/2 OR 1 UNIT	42941	LECT	9	M W F	317	G H	ARNSTEIN
HIST 349	THE SCIENTIFIC REVOLUTION--1543-1727. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	42958	LECT	10	M W F	313	G H	APPLEBAUM
HIST 356	HISTORY OF THE UNITED STATES FROM JACKSON TO THE CIVIL WAR. 3 HOURS, OR 1/2 OR 1 UNIT	42965	LECT	3	M W F	314	A H	JOHANNSEN
HIST 360	HISTORY OF THE UNITED STATES, 1877-1909. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE OR ECONOMICS. 3 HOURS, OR 1/2 OR 1 UNIT	42972	LECT	10	M W F	319	G H	BATES
HIST 362	HISTORY OF THE UNITED STATES SINCE 1932. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE OR ECONOMICS. 3 HOURS, OR 1/2 OR 1 UNIT	42980	LECT	11	M W F	112	G H	KRUEGER
HIST 363	SOCIAL HISTORY OF INDUSTRIAL AMERICA TO 1890. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY. 3 HOURS, OR 1/2 OR 1 UNIT	42997	LECT	11	M W F	313	G H	JAHER
HIST 374	IMPERIALISM, 1870-1919. PREREQUISITE: ONE YEAR SURVEY COURSE IN HISTORY. 3 HOURS, OR 1/2 OR 1 UNIT	43000	LECT	10	M W F	213	G H	HEINRICHS
HIST 377	HISTORY OF MODERN BRAZIL, 1808 TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ENROLLMENT IN LATIN AMERICAN STUDIES. 3 HOURS, OR 1/2 OR 1 UNIT	43017	LECT	2	M W F	106	L H	LOVE
HIST 381	ANCIENT GREEK STATES. 3 HOURS, OR 1/2 OR 1 UNIT	43024	LECT	9	M W F	307	G H	THOMSON
HIST 387	INDIAN HISTORY AND CIVILIZATION TO 1707. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	43031	LECT	9	M W F	254	ADMIN	KLING
HIST 390	CHINA UNDER THE CHING DYNASTY. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	43049	LECT	2	M W F	319	G H	EASTMAN
HIST 391	A HISTORY OF CHINA TO 906 A. D. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	43056	LECT	10-1130	TU TH	269	E E B	WECHSLER

HIST 396	MODERN JAPAN.								
	PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
43063	LECT		11	M	W	F	254	ADMIN	PIERSON
HIST 397	HISTORY AND THOUGHT OF JAPANESE BUDDHISM.								
	PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 TO 1 UNIT								
43071	LECT		3-430	TU	TH		313	G H	UNNO
COURSES FOR GRADUATES									
HIST 403	PROBLEMS IN EUROPEAN HISTORY TO 1815.								
	1 UNIT								
	*SECTION A TOPIC: ENGLAND 1688-1815.								
	*SECTION B TOPIC: ENGLAND 1485-1688.								
43088	DISC	*A	1-3		W		216	L H	ARNSTEIN
43095	DISC	*B	3-5	TU			304	G H	FOSTER
HIST 404	PROBLEMS IN MODERN EUROPEAN HISTORY SINCE 1815.								
	1 UNIT								
	*SECTION A TOPIC: THE BALKANS.								
	*SECTION B TOPIC: GERMAN HISTORY, 1870-1918.								
	*SECTION C TOPIC: RUSSIA.								
	*SECTION D TOPIC: EUROPEAN DIPLOMATIC HISTORY.								
	*SECTION E TOPIC: SOCIAL SCIENCE METHODS.								
43106	CONF	*A	1-3	TU			154	ARMORY	HITCHINS
43113	CONF	*B	1-3	M			146	ARMORY	NICHOLS
43121	CONF	*C	1-3		TH		154	ARMORY	RANSEL
43138	CONF	*D	1-3		TH		431	ARMORY	SCHROEDER
43145	CONF	*E	3-5	TU			170	L H	SUMLER
HIST 408	PROBLEMS IN AMERICAN HISTORY SINCE 1865.								
	1 UNIT								
	TOPIC: THE GILDED AGE.								
43152	DISC		3-5		F		388	L H	FARNHAM
	LECT		4	M			317	G H	FARNHAM
HIST 409	PROBLEMS IN ASIAN HISTORY.								
	1 UNIT								
	THIS COURSE MEETS WITH ECON. 490.								
43160	DISC		3-5	TU			28	COM W	EASTMAN
HIST 411	SEMINAR IN ANCIENT HISTORY--GREECE.								
	1 UNIT								
43177	DISC		1-3PM	TU	TH		209A	D H	THOMSON
HIST 415	SEMINAR IN MEDIEVAL HISTORY.								
	1 UNIT								
43184	DISC		3-5		TH		304	G H	QUELLER
HIST 419	SEMINAR IN EUROPEAN HISTORY, 1648-1815.								
	1 UNIT								
	*SECTION A TOPIC: EARLY MODERN EUROPE.								
	*SECTION B TOPIC: ERA OF THE FRENCH REVOLUTION AND NAPOLEON.								
43191	DISC	*A	1-3	TU			304	G H	BERNARD
43202	DISC	*B	3-5		W		304	G H	SIRICH
HIST 443	SEMINAR IN SOUTH ASIAN HISTORY.								
	1 UNIT								
43210	DISC		ARR						KLING
HIST 453	SEMINAR IN AMERICAN HISTORY SINCE 1789.								
	1 UNIT								
	*SECTION A: AMERICAN DIPLOMATIC.								
	*SECTION B: URBAN AND REGIONAL ELITES AND UPPER CLASSES.								
43227	DISC	*A	1-3		W		304	G H	HEINRICHS
43234	DISC	*B	3-5		TH		170	L H	JAHER

HIST 497 READING COURSE.
 PREREQUISITE: MASTERS DEGREE OR EQUIVALENT, CONSENT OF
 INSTRUCTOR.
 1 UNIT
 43241 CONF ARR STAFF

HIST 499 THESIS RESEARCH.
 0 TO 4 UNITS
 43259 CONF ARR STAFF

HISTORY AND PHILOSOPHY OF EDUCATION
 DEPARTMENT OFFICE 369 EDUC

COURSES FOR ADVANCED UNDERGRADUATES

HP ED 201 FOUNDATIONS OF AMERICAN EDUCATION.
 PREREQUISITE: (FOR STUDENTS NOT IN ELEMENTARY EDUCATION) SE. ED.
 101 OR VOTEC. 101 AND PSYCH. 100. (FOR STUDENTS IN ELEMENTARY
 EDUCATION) PSYCH. 100 ONLY.
 2 HOURS
 SECTION A4 IS A SPECIAL SECTION. STUDENTS ENROLLED IN THIS SECTION
 MUST ALSO BE ENROLLED IN SECTION A OF EDPSY. 211. THE CONTENT OF
 THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS MAY
 UNDERSTAND THE RELATIONSHIP BETWEEN PSYCHOLOGICAL PRINCIPLES AND
 THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.
 SECTIONS A1, A2, AND A3 ARE ONLY FOR THOSE STUDENTS WHO
 CANNOT BE SCHEDULED IN LECTURE A.

43451	LECT	A	11-1	TU TH	L H THEATRE	STAFF
43266	DISC	1	11-1	TU TH	19 D K H	STAFF
43469	DISC	2	11-1	TU TH	106 D K H	STAFF
43273	DISC	3	11-1	TU TH	300 N L	STAFF
43281	DISC	4	11-1	TU TH	322 E H	STAFF
43298	DISC	5	11-1	TU TH	154 ARMORY	STAFF
43309	DISC	6	11-1	TU TH	218 AGR ENG	STAFF
43316	DISC	7	11-1	TU TH	173 A H	STAFF
43323	DISC	8	11-1	TU TH	243 A H	STAFF
43331	DISC	9	11-1	TU TH	321 A H	STAFF
43348	DISC	10	11-1	TU TH	443 A H	STAFF
43355	DISC	11	11-1	TU TH	302 L H	STAFF
43362	DISC	12	11-1	TU TH	370 L H	STAFF
43370	DISC	13	11-1	TU TH	388 L H	STAFF
43387	DISC	14	11-1	TU TH	162 E E B	STAFF
43476	DISC	15	11-1	TU TH	170 E E B	STAFF
43394	DISC	16	11-1	TU TH	245 E E B	STAFF
43405	DISC	17	11-1	TU TH	250 E E B	STAFF
43412	DISC	18	11-1	TU TH	254 E E B	STAFF
43420	DISC	19	11-1	TU TH	257 E E B	STAFF
43437	LECT-DISC	A1	9-11	F	21 D K H	STAFF
43444	LECT-DISC	A2	10-12	F	317A D K H	
91992	LECT-DISC	A3	2-4	TU	19 D K H	
92005	LECT-DISC	*A4	10-12	TH	137 ARMORY	

HP ED 249 INDEPENDENT STUDY.
 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
 POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
 THE WORK.
 2 HOURS
 43483 CONF ARR STAFF

HP ED 291 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 43491 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HP ED 301 PHILOSOPHY OF EDUCATION.
 2 HOURS OR 1/2 UNIT
 43501 LECT-DISC 3-5 W 192 EDUC STANLEY

HP ED 302	HISTORY OF AMERICAN EDUCATION.							
	2 HOURS OR 1/2 UNIT							
43519	LECT-DISC	4-6	TH	192	EDUC		KARIER	
HP ED 303	COMPARATIVE EDUCATION.							
	2 HOURS OR 1/2 UNIT							
	*SECTION B: FOR MAJORS ONLY.							
43526	LECT-DISC A	3-5	TH	2	EDUC		SHORISH	
43533	LECT-DISC *B	3-5	TH	1	EDUC		YATES	
HP ED 304	SOCIAL FOUNDATIONS OF EDUCATION.							
	2 HOURS OR 1/2 UNIT							
43541	LECT-DISC D	7-9PM	W	100	G H		STANLEY	
43558	LECT-DISC A	2-4	M	143	ARMORY		SHORISH	
43565	LECT-DISC C	1-3	TU	143	ARMORY			
43572	LECT-DISC B	7-9PM	M	213	G H		BURNETT	
43580	LECT-DISC X	ARR					DEIKAMA	
HP ED 305	HISTORY OF EDUCATIONAL IDEAS.							
	2 HOURS OR 1/2 UNIT							
43597	LECT-DISC A	7-9PM	W	213	G H		MCMURRAY	
43622	LECT-DISC D	7-9PM	TH	213	G H		VIOLAS	
HP ED 306	INTRODUCTION TO AESTHETIC EDUCATION.							
	2 OR 3 HOURS, OR 1/2 OR 1 UNIT							
43630	LECT-DISC A	7-9PM	M	170	COM W		R SMITH	
COURSES FOR GRADUATES								
HP ED 400	PROBLEMS OF EDUCATIONAL THEORY.							
	PREREQUISITE: HP. ED. 301.							
	1 UNIT							
43647	LECT-DISC A	7-9PM	TH	25	EDUC		MCMURRAY	
HP ED 403	THE HISTORICAL FOUNDATIONS OF AMERICAN EDUCATIONAL THOUGHT.							
	PREREQUISITE: CONSENT OF INSTRUCTOR.							
	1 UNIT							
HP ED 404	SEMINAR IN EDUCATIONAL CLASSICS.							
	PREREQUISITE: ONE GRADUATE COURSE IN PHILOSOPHY OF EDUCATION AND ONE IN HISTORY OF EDUCATION, OR CONSENT OF INSTRUCTOR.							
	1 UNIT							
43661	LECT-DISC A	3-5	W	385	EDUC		BROUDY	
HP ED 406	SEMINAR IN THE HISTORY OF EDUCATION.							
	PREREQUISITE: TWO COURSES IN THE HISTORY OF EDUCATION AND ONE COURSE IN THE PHILOSOPHY OF EDUCATION, OR CONSENT OF INSTRUCTOR.							
	1 UNIT							
43679	LECT-DISC A	7-9PM	TU	170	COM W		VIOLAS	
HP ED 408	ADVANCED PHILOSOPHY OF EDUCATION, I.							
	PREREQUISITE: HP. ED. 301 OR 305 OR ADVANCED GRADUATE STANDING, CONSENT OF INSTRUCTOR.							
	1 UNIT							
43686	LECT-DISC	7-9PM	M	36	COM W		BROUDY	
HP ED 410	SEMINAR IN THEORIES OF EDUCATIONAL AND SOCIAL CHANGE.							
	ONLY OPEN TO CANDIDATES FOR THE ED. D. OR PH. D. IN EDUCATION.							
	1 UNIT							
43693	LECT-DISC A	1-3	M	385	EDUC		BROUDY	
43711	LECT-DISC C	1-3	W	385	EDUC		STANLEY	
43729	LECT-DISC D	1-3	W	382	EDUC		BURNETT	
HP ED 449	INDEPENDENT STUDY.							
	PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.							
	*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.							
	*1/2 OR 1 UNIT							
43736	CONF	ARR					STAFF	

HP ED 484 EDUCATION IN THE INDUSTRIALIZED NATIONS.
 PREREQUISITE: HP. ED. 303 OR 386 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 43743 LECT-DISC ARR

YATES

HP ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
 OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN
 HISTORY AND PHILOSOPHY OF EDUCATION.
 PREREQUISITE: FOR SECTION (C) ONLY, HP. ED. 483 OR CONSENT OF
 INSTRUCTOR.
 *NOT MORE THAN ONE UNIT PER SECTION MAY BE COUNTED TOWARD A DEGREE
 IN ANY ONE SEMESTER.
 *1 TO 2 UNITS
 SECTION E: METHODS OF RESEARCH.
 43775 CONF E ARR

ENNIS

HP ED 499 THESIS RESEARCH.
 0 TO 4 UNITS
 43782 CONF ARR

STAFF

HOME ECONOMICS

DEPARTMENT OFFICE

260 BEV HALL

NOTE--HOME ECONOMICS COURSES DESIGNED PARTICULARLY FOR NON-MAJOR
 STUDENTS AND NOT FULFILLING THE REQUIREMENTS FOR A MAJOR IN HOME
 ECONOMICS ARE HOME ECON. 120, 125, 193, AND 271.

OTHER HOME ECONOMICS COURSES ARE ALSO OPEN TO NON-MAJORS WHO HAVE
 THE PREREQUISITES LISTED FOR THE COURSE AND THE CONSENT OF THE
 INSTRUCTOR. STUDENTS ARE REFERRED PARTICULARLY TO H.EC. 105,
 132, 133, 160, 171, 182, 183, 184, 210, 260, 270, AND 285.

COURSES FOR UNDERGRADUATES

H EC 100 ORIENTATION TO HOME ECONOMICS.
 REQUIRED OF FRESHMEN ENTERING THE DEPARTMENT DURING SUMMER
 OR FALL SESSIONS.
 0 CREDIT
 43790 LECT 9 F 314 A H

H EC 105 CHILD AND FAMILY.
 4 HOURS

43801	LECT	11	M W F	103	FLOR
43818	LAB-DISC A	9-11	TU	12	C D
43825	LAB-DISC B	9-11	W	12	C D
43832	LAB-DISC C	9-11	TH	12	C D
43840	LAB-DISC D	9-11	F	12	C D
43857	LAB-DISC E	2-4	TU	12	C D
43864	LAB-DISC F	2	W	208	C D
	F	3	W	12	C D

VAN DEN DAELE
 MILLS

H EC 120 ELEMENTARY NUTRITION.
 FOR NON-HOME ECONOMICS MAJORS.
 PREREQUISITE: SOPHOMORE STANDING.
 2 HOURS

43871 LECT-DISC 1 TU TH 242 BEV HALL

LAFONT

H EC 125 FOOD SELECTION AND PREPARATION.
 FOR NON-HOME ECONOMICS MAJORS.
 PREREQUISITE: SOPHOMORE STANDING.
 3 HOURS

43889	LECT	12	F	12	C D
43896	LAB A	10-12	M W	338	BEV HALL
43907	LAB B	3-5	M W	338	BEV HALL
43914	LAB C	1-3	TU TH	338	BEV HALL
43921	LAB D	10-12	TU TH	338	BEV HALL

DOWNEY
 DOWNEY
 DOWNEY
 GLOVER
 DOWNEY

H EC	132	FOODS AND NUTRITION.									
		PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 101.									
		3 HOURS									
	43939	LAB-DISC	A	8-10	M	W	F	358	BEV HALL	JOHNSON	
	43946	LAB-DISC	B	10-12	M	W		358	BEV HALL	CHASTAIN	
			B	10-12			F	328	BEV HALL		
	43953	LAB-DISC	C	10-12	M	W	F	376	BEV HALL	GLOVER	
	43961	LAB-DISC	D	1-3	M	W	F	376	BEV HALL	GLOVER	
H EC	133	FOOD MANAGEMENT.									
		PREREQUISITE: H. EC. 132.									
		2 HOURS									
		CLASSES ARE HELD DURING NOON HOURS ONLY WHEN MEALS ARE SERVED.									
	43978	LAB-DISC	A	1-3	M			358	BEV HALL	JOHNSON	
			A	12-3		W		358	BEV HALL		
	43985	LAB-DISC	B	10-12		TU		358	BEV HALL	JOHNSON	
			B	10-1		TH		358	BEV HALL		
H EC	160	THE HOME AND ITS FURNISHINGS.									
		4 HOURS									
	43992	LECT		9		TU TH		135	A S L	ALEXANDER	
	44005	LAB	A	10-12	M	W		222	BEV HALL	BERMAN	
	44012	LAB	B	1-3	M	W		222	BEV HALL	BERMAN	
	44020	LAB	C	3-5	M	W		222	BEV HALL	POTTS	
	44037	LAB	D	10-12		TU TH		222	BEV HALL	BERMAN	
	44044	LAB	E	1-3		TU TH		222	BEV HALL	BERMAN	
	44051	LAB	F	3-5		TU TH		222	BEV HALL	POTTS	
H EC	171	HOME MANAGEMENT.									
		2 HOURS									
	44069	LECT-DISC	A	10		W	F	154	BEV HALL	GUTHRIE	
	44076	LECT-DISC	B	2		TU TH		328	BEV HALL	GOODYEAR	
	44083	LECT-DISC	C	2	M	W		328	BEV HALL	GOODYEAR	
H EC	182	CLOTHING LABORATORY.									
		2 HOURS									
		*SECTIONS B AND D ARE RESERVED FOR STUDENTS WITH FORMAL TRAINING									
		IN CLOTHING CONSTRUCTION IN EITHER HIGH SCHOOL OR 4-H WORK.									
	44091	LAB	A	10-12	M	W		122	BEV HALL	ZWOLANEK	
	44119	LAB	*B	3-5	M	W		122	BEV HALL	ZWOLANEK	
	44101	LAB	C	10-12		TU TH		122	BEV HALL	EDDY	
	44126	LAB	*D	3-5		TU TH		122	BEV HALL	ZWOLANEK	
H EC	183	CONSUMER TEXTILES.									
		2 HOURS									
	44133	LAB	A	8-10	M	W		208	BEV HALL	TREBILCOCK	
	44141	LAB	B	10-12	M	W		208	BEV HALL	TREBILCOCK	
	44158	LAB	C	3-5	M	W		208	BEV HALL	BANNER	
	44165	LAB	D	10-12		TU TH		208	BEV HALL	BANNER	
	44172	LAB	E	1-3		TU TH		208	BEV HALL	EDDY	
H EC	184	CLOTHING SELECTION.									
		PREREQUISITE: CREDIT OR REGISTRATION IN ART 185.									
		2 HOURS									
	44180	LAB	A	8-10	M	W		132	BEV HALL	BANNER	
	44197	LAB	B	10-12	M	W		132	BEV HALL	ANSPACH	
	44208	LAB	C	10-12		TU TH		132	BEV HALL	ANSPACH	
	44215	LAB	D	1-3		TU TH		132	BEV HALL	BANNER	
H EC	193	TEXTILE ARTS FOR OCCUPATIONAL THERAPY.									
		PREREQUISITE: ART 185.									
		4 HOURS									
	44222	LAB		8-12		TU TH		174	BEV HALL	AUSTIN	
H EC	196	WEAVING.									
		3 HOURS									
		*SECTION A1 IS FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, ART-CRAFTS, AND ART EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.									
	44230	LAB	*A1	2-5	M	W		174	BEV HALL	AUSTIN	
	44247	LAB	*A2	2-5	M	W		174	BEV HALL		

COURSES FOR ADVANCED UNDERGRADUATES

H EC	202	LABORATORY IN CHILD DEVELOPMENT.										
		PREREQUISITE: H. EC. 105, PSYCH. 100 OR 103.										
		2 HOURS										
	44254	LECT		3-5	M			12	C D			KING
	44261	LAB	A	9	TU TH			219	C D			NURSERY SCHOOL
	44279	LAB	B	11	TU TH			219	C D			STAFF
	44286	LAB	C	9	W F			219	C D			
	44293	LAB	D	11	W F			219	C D			
	44304	LAB	E	2-4	TU			219	C D			
	44311	LAB	F	2-4	W			219	C D			
	44329	LAB	G	2-4	TH			219	C D			
	44336	LAB	H	2-4	F			219	C D			
H EC	203	CHILD DEVELOPMENT: PERIOD OF INFANCY AND EARLY CHILDHOOD.										
		PREREQUISITE: H. EC. 105 OR PSYCH. 216.										
		4 HOURS										
	44343	LECT		2	M W F			12	C D			VAN DEN DAELE
		LAB		10-12	TH			282	BEV HALL			
H EC	210	FAMILY RELATIONSHIPS.										
		3 HOURS										
	44351	LECT	A	8	M W F			12	C D			SPORAKOWSKI
	44368	LECT	B	11	M W F			12	C D			SPORAKOWSKI
H EC	220	PRINCIPLES OF NUTRITION.										
		PREREQUISITE: CHEM. 102, H. EC. 132, AND PHYSL. 103.										
		3 HOURS										
	44375	LECT		11	M F			242	BEV HALL			BROWN
		LAB		10-12	W			328	BEV HALL			BROWN
H EC	231	FOODS.										
		PREREQUISITE: CHEM. 102; H. EC. 133.										
		3 HOURS										
	44382	LECT		1	F			242	BEV HALL			LAFONT
	44390	LAB	A	1-4	M W			362	BEV HALL			LAFONT
	44401	LAB	B	8-11	TU TH			362	BEV HALL			LAFONT
H EC	240	QUANTITY FOOD PRODUCTION AND SERVICE.										
		PREREQUISITE: FOOD HANDLERS CERTIFICATE, ECON. 108, H. EC. 231, CONSENT OF INSTRUCTOR.										
		*CREDIT IS NOT GIVEN FOR BOTH H. EC. 240 AND 351.										
		*3 OR 5 HOURS										
		SECTION C WILL MEET 8-1230 ON DAYS TO BE ARRANGED.										
	44418	LECT		3	W			291	BEV HALL			CRUSIUS
	44425	LAB	A	8-1230	M W F			292	BEV HALL			
	44432	LAB	C	ARR				292	BEV HALL			
H EC	260	PERIOD STYLES IN HOME FURNISHINGS.										
		PREREQUISITE: ART 185 OR EQUIVALENT.										
		3 HOURS										
	44440	LECT		10	M W			242	BEV HALL			ALEXANDER
		LAB		10-12	F			222	BEV HALL			ALEXANDER
H EC	262	THE HOME AND ITS FURNISHINGS.										
		PREREQUISITE: ART 186 OR EQUIVALENT, H. EC. 160 AND 260.										
		FIELD TRIP, ESTIMATED EXPENSE, \$10.										
		3 HOURS										
	44457	LAB-DISC		2-5	TU TH			234	BEV HALL			ALEXANDER
H EC	270	FAMILY FINANCIAL MANAGEMENT.										
		PREREQUISITE: ECON. 102 AND 103 OR 108, H. EC. 171.										
		3 HOURS										
	44464	LECT		9	M W F			242	BEV HALL			GUTHRIE
H EC	271	HOME MANAGEMENT.										
		FOR NON-HOME ECONOMICS MAJORS.										
		2 HOURS										
	44471	LECT-DISC		11	TU TH			328	BEV HALL			GUTHRIE

H EC	273	HOME MANAGEMENT.					
		PREREQUISITE: ECON. 102 AND 103, OR 108, H. EC. 105, 133, 160, 171, 183, 184, CONSENT OF INSTRUCTOR.					
		3 HOURS					
		*ADDITIONAL HOURS TO BE ARRANGED.					
		STUDENTS RESIDE IN HOME MANAGEMENT HOUSE FOR FOUR WEEKS.					
44489	LECT-DISC	*8	TU TH	154	BEV HALL	GUTHRIE	
	LAB	*1-3	TU TH	1202	W GREEN	GUTHRIE	
		*12	MTUWTHF	1202	W GREEN		
H EC	281	NON-TEXTILE APPAREL AND ACCESSORY MATERIALS.					
		PREREQUISITE: H. EC. 183.					
		2 HOURS					
44496	LAB	3-5	TU TH	208	BEV HALL	TREBILCOCK	
H EC	285	HISTORY OF COSTUME.					
		2 HOURS					
		*SECTION A1 IS FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, ART-CRAFTS, ART EDUCATION, THEATRE-ACTING, THEATRE-DIRECTING AND PLAYWRITING, THEATRE-TECHNOLOGY AND DESIGN, THEATRE-ART, ADVERTISING, NEWS-EDITORIAL, AND RADIO AND TELEVISION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.					
44507	LECT	*A1	9	TU TH	242	BEV HALL	TREBILCOCK
44514	LECT	*A2	9	TU TH	242	BEV HALL	
H EC	286	CLOTHING DESIGN--FLAT PATTERN.					
		PREREQUISITE: ART 186 OR 120, H. EC. 182, 183 AND 184.					
		3 HOURS					
44521	LAB	A	2-5	TU TH	108	BEV HALL	ANSPACH
H EC	287	CONSUMER CLOTHING PROBLEMS.					
		PREREQUISITE: ECON. 108, H. EC. 183 OR 184, PSYCH. 100 OR 103. SOC. 100.					
		2 HOURS					
44539	LECT-DISC	10	TU TH	242	BEV HALL	ZWOLANEK	
H EC	291	THESIS.					
		PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.					
		3 TO 5 HOURS					
		*LECT-DISC &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.					
44546	LECT-DISC A	ARR				STAFF	
44553	LECT-DISC *&B	ARR				STAFF	
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES							
H EC	301	ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN.					
		PREREQUISITE: H. EC. 202 AND 203, CONSENT OF INSTRUCTOR.					
		3 HOURS, OR 1/2 OR 1 UNIT					
		EACH STUDENT ARRANGES FOR ONE LABORATORY PERIOD ON T W T OR F.					
		*LAB &E IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.					
		*LAB I OPEN TO GRADUATE STUDENTS ONLY.					
44561	LECT-DISC	1	TU TH	12	C D	MOWRER	
44578	LAB	A	9-12	TU	109	C D	NURSERY SCHOOL
44585	LAB	B	9-12	W	109	C D	STAFF
44592	LAB	C	9-12	TH	109	C D	
44603	LAB	D	9-12	F	109	C D	
44642	LAB	*&E	2-5	TU	109	C D	
44611	LAB	F	2-5	W	109	C D	
44628	LAB	G	2-5	TH	109	C D	
44635	LAB	H	2-5	F	109	C D	
44650	LAB	*I	9-12	ARR			
H EC	322	PHYSICAL GROWTH AND NUTRITION.					
		PREREQUISITE: H. EC. 220, SENIOR STANDING, CONSENT OF INSTRUCTOR.					
		2 HOURS OR 1/2 UNIT					
44667	LECT	8	TU TH	449	BEV HALL	BROWN	

H EC 330 EXPERIMENTAL FOODS.
 PREREQUISITE: H. EC. 231, MCBIO. 100, 101.
 *FOR 1 UNIT TWO ADDITIONAL HOURS WILL BE SCHEDULED.
 *3 HOURS, OR 3/4 OR 1 UNIT

44674	LECT	1	TU	328	BEV HALL	
	LAB	2-5	TU	362	BEV HALL	
		1-4	TH	362	BEV HALL	

H EC 345 INSTITUTION AND RESTAURANT MANAGEMENT--FOOD PURCHASING AND EQUIPMENT SELECTION.
 PREREQUISITE: ECON. 108, CREDIT OR REGISTRATION IN H. EC. 240.
 FIELD TRIP, ESTIMATED COST \$20.
 *CREDIT IS NOT GIVEN FOR BOTH H. EC. 345 AND H. EC. 351.
 *3 HOURS OR 1/2 UNIT

44681	LECT	2	M W F	291	BEV HALL	HUNZICKER
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H EC 349 MUSIC IN EARLY CHILDHOOD.
 SAME AS MUSIC 349.
 PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD DEVELOPMENT.
 2 HOURS OR 1/2 UNIT

44699	LECT-DISC A	7-9PM	TH	100	S H	R SMITH
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H EC 370 FAMILY ECONOMICS.
 SAME AS AG. EC. 370.
 PREREQUISITE: ECON. 102 OR 108, A COURSE IN APPLIED STATISTICS, SENIOR STANDING.
 3 HOURS, OR 3/4 OR 1 UNIT
 *LECTURE &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

44700	LECT A	3-430	TU TH	242	BEV HALL	DUNSGING
44717	LECT *&B	3-430	TU TH	242	BEV HALL	DUNSGING

H EC 375 HOME EQUIPMENT.
 PREREQUISITE: H. EC. 171; SIX ADVANCED HOURS IN HOME ECONOMICS INCLUDING ONE OF THE FOLLOWING: H. EC. 231, 273, 380; SENIOR STANDING; CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

44724	LECT-DISC	9	M W	166	BEV HALL	ANDERSON
	LAB	9-11	TU TH	166	BEV HALL	ANDERSON

H EC 378 PROBLEMS IN HOME MANAGEMENT.
 PREREQUISITE: H. EC. 270 OR 262, CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

44731	CONF	ARR				ALEXANDER GOODYEAR
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H EC 379 PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS.
 PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN APPLIED STATISTICS, H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR, SENIOR STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT

44749	CONF	ARR				DUNSGING
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H EC 380 ADVANCED TEXTILES.
 PREREQUISITE: H. EC. 183; CHEM. 102.
 4 HOURS OR 1 UNIT
 *LAB &C IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

44756	LECT	1-3	F	208	BEV HALL	
44763	LAB A	1-3	M W	208	BEV HALL	
44771	LAB B	8-10	TU TH	208	BEV HALL	
44788	LAB *&C	1-3	M W	208	BEV HALL	

H EC 388 PROBLEMS IN TEXTILES AND CLOTHING.
 PREREQUISITE: H. EC. 286 OR 380, OR MKTG. 211, MINIMUM GRADE POINT AVERAGE OF 3.5, SENIOR STANDING IN HOME ECONOMICS, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

44795	CONF	ARR				ANSPACH AUSTIN AND TREBILCOCK
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COURSES FOR GRADUATES

H EC	410	PROBLEMS IN FAMILY LIVING. PREREQUISITE: H. EC. 210. 1 UNIT	44806	LECT	3-5	M W	208	C D	MOWRER
H EC	422	SEMINAR IN NUTRITION. PREREQUISITE: GRADUATE STANDING AND UNDERGRADUATE DEGREE IN HOME ECONOMICS WITH EMPHASIS ON FOODS AND NUTRITION OR COMPARABLE BACKGROUND IN BIOCHEMISTRY, MICROBIOLOGY, PHYSIOLOGY, OR OTHER BIOLOGICAL SCIENCE. 1/2 OR 1 UNIT	44813	DISC	ARR		449	BEV HALL	MC KEY
H EC	470	SEMINAR IN FAMILY AND CONSUMPTION ECONOMICS. SAME AS AG. EC. 470. PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN STATISTICS, H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	44821	DISC	ARR		154	BEV HALL	DUNNING
H EC	487	SEMINAR IN CLOTHING. PREREQUISITE: UNDERGRADUATE CURRICULUM WITH MAJORS IN TEXTILES AND CLOTHING, HOME ECONOMICS EDUCATION, HOME ECONOMICS EXTENSION OR GENERAL HOME ECONOMICS. 1/2 OR 1 UNIT	44838	DISC	ARR				ANSPACH
H EC	493	ADVANCED STUDIES IN HOME ECONOMICS. 1/2 OR 1 UNIT WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS: * A--THE CHILD AND THE FAMILY * B--FAMILY AND CONSUMPTION ECONOMICS * C--FOODS * D--NUTRITION * E--TEXTILES AND CLOTHING	44845	CONF	*A	ARR			STAFF
			44852	CONF	*B	ARR			STAFF
			44860	CONF	*C	ARR			STAFF
			44877	CONF	*D	ARR			STAFF
			44884	CONF	*E	ARR			STAFF
H EC	499	THESIS RESEARCH. 0 TO 4 UNITS WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS: * A--THE CHILD AND THE FAMILY * B--FAMILY AND CONSUMPTION ECONOMICS * C--FOODS * D--NUTRITION * E--TEXTILES AND CLOTHING	44891	CONF	*A	ARR			STAFF
			44902	CONF	*B	ARR			STAFF
			44910	CONF	*C	ARR			STAFF
			44927	CONF	*D	ARR			STAFF
			44934	CONF	*E	ARR			STAFF
									MILLS, SPORAKOWSKI AND VAN DEN DAEL DUNNING VAN DUYN HASKELL SMITH

HORTICULTURE

DEPARTMENT OFFICE

124 M H

COURSES FOR UNDERGRADUATES

HORT	110	PLANT AND ANIMAL GENETICS. SAME AS AN. S., AGRON., AND D. S. 110. PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104. 3 HOURS *FOR VETERINARY MEDICINE STUDENTS ONLY.										ALEXANDER AND OTHERS
	44998	LECT	*	2	M	W	W109	T	H			
	44941	LAB	1	1-3	TU		W 13	T	H			
	44959	LAB	2	3-5	TU		W 13	T	H			
	44966	LAB	3	1-3		TH	W 13	T	H			
	44973	LAB	*4	3-5	M		W 13	T	H			
	44981	LAB	*5	2-4		F	W 13	T	H			
HORT	122	GREENHOUSE MANAGEMENT. PREREQUISITE: CREDIT OR REGISTRATION IN BOT. 100. 3 HOURS										SAUPE
	45001	LECT		8-10	M		103	FLOR				
	45018	LAB	A	8-10		W	101	FLOR				
	45025	LAB	B	8-10		F	101	FLOR				
HORT	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS										STAFF
	45032	CONF		ARR								

COURSES FOR ADVANCED UNDERGRADUATES

HORT	200	SPECIAL PROBLEMS. PREREQUISITE: MINIMUM GRADE POINT AVERAGE OF 3.5. NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR A THIRD SPECIAL PROBLEMS COURSE. 1 TO 5 HOURS WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS: A--POMOLOGY SIMONS, TITUS, ZYCH B--VEGETABLE CROPS ARNOLD, HOPEN, MCCOLLUM, SPLITTSTOESSER, THOMPSON, VANDEMARK C--ORNAMENTAL BEEVERS, BUTLER, CULBERT, FOSLER HORTICULTURE GARTNER, HODGES, NELSON, MEYER D--FRUIT BREEDING BIRKELAND, DAYTON E--APICULTURE JAYCOX *SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.										STAFF STAFF
	45040	CONF	A	ARR								
	45057	CONF	*6B	ARR								
HORT	210	HOME GROUNDS PLANNING AND DESIGN. PREREQUISITE: L. A. 152 OR CONSENT OF INSTRUCTOR. 4 HOURS										NELSON
	45064	LECT		1	TU	TH	101	FLOR				
		LAB		10-12	TU	TH	234	BEV HALL				
HORT	221	PLANT PROPAGATION. PREREQUISITE: BOT. 100 OR EQUIVALENT. 3 HOURS										MEYER
	45071	LECT		1	M	F	103	FLOR				
	45089	LAB	A	1-3		W	101	FLOR				
	45096	LAB	B	2-4		F	101	FLOR				

HORT 231 FLORAL DECORATIONS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS

45107	LECT	A	9	TU	103	FLOR	CULBERT
45114	LECT	B	9	TH	103	FLOR	
45121	LAB	A	10-12	M W	101	FLOR	
45139	LAB	B	10-12	TU TH	101	FLOR	
45146	LAB	C	3-5	M W	101	FLOR	
45153	LAB	D	3-5	TU TH	101	FLOR	

HORT 233 FLORICULTURE FOR THE HOME.
NOT OPEN TO STUDENTS IN THE ORNAMENTAL HORTICULTURE CURRICULUM.
3 HOURS

45161	LECT		10	M W F	103	FLOR	FOSLER
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HORT 251 ARBORICULTURE.
PREREQUISITE: AGRON. 101.
3 HOURS

45178	LECT-DISC		1-3	TU TH	103	FLOR	GARTNER
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HORT 321 FLORICULTURAL PHYSIOLOGY.
PREREQUISITE: BOT. 330 AND 335 OR EQUIVALENT, AND ONE SEMESTER OF ORGANIC CHEMISTRY.
4 HOURS OR 1 UNIT

45185	LECT-DISC		2	M W F	103	FLOR	BEEVERS
			1	F	101	FLOR	

HORT 323 PRINCIPLES OF PLANT BREEDING.
SAME AS AGRON. 323.
PREREQUISITE: BOT. 100, AGRON. 110 OR EQUIVALENT.
4 HOURS OR 1 UNIT
FIELD TRIP--ESTIMATED EXPENSE \$5.00.

45192	LECT-DISC		10	M W F	W115	T H	HADLEY AND THOMPSON
	LAB		1-3	TH	W121	T H	

HORT 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S. D. S., F. S. FOR., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT

45203	LECT		9	TU TH	W109	T H	SEIF
45211	LAB-DISC	1	1-3	TU	W223	T H	
45228	LAB-DISC	2	3-5	TU	W223	T H	
45235	LAB-DISC	3	1-3	W	W223	T H	
45242	LAB-DISC	4	3-5	W	W223	T H	

HORT 361 INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES.
SAME AS ENTOM. 361 AND ZOOL. 361.
PREREQUISITE: ONE SEMESTER OF ENTOMOLOGY OR ZOOLOGY.
ONE OR MORE LOCAL FIELD TRIPS.
2 HOURS OR 1/2 UNIT

45250	LECT-DISC		1	TU TH	W115	T H	JAYCOX
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COURSES FOR GRADUATES

HORT 447 HORTICULTURE SEMINAR.
PREREQUISITE: GRADUATE STANDING IN HORTICULTURE OR ALLIED FIELDS.
1/4 UNIT

45267	LECT-DISC		4	W	W115	T H	STAFF
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HORT 492 SPECIAL TOPICS IN HORTICULTURE.
PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
1/2 TO 2 UNITS

45274	CONF		ARR				STAFF
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HORT 499 THESIS RESEARCH.
 REQUIRED FOR MAJOR IN HORTICULTURE.
 PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE
 AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
 0 TO 4 UNITS
 WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
 A--ORNAMENTAL BEEVERS, BUTLER, CULBERT, GARTNER,
 HORTICULTURE HODGES, MEYER,
 B--FRUIT BREEDING BIRKELAND, DAYTON
 C--POMOLOGY JAYCOX, SIMONS, TITUS, ZYCH
 D--VEGETABLE CROPS ARNOLD, DICKINSON, HOPEN, MCCOLLUM,
 RHODES, SPLITSTOEISSER, THOMPSON,
 VANDEMARK

45281 CONF ARR STAFF

HUMANITIES

COURSES FOR UNDERGRADUATES

HUMAN 151 THE HUMANITIES IN WESTERN CULTURE, I.
 PREREQUISITE: SOPHOMORE STANDING OR JAMES SCHOLAR FRESHMAN, OR
 FRESHMAN STANDING WITH EXEMPTION FROM RHET. 101.
 4 HOURS
 45299 LECT-DISC A 8-10 TU TH 240 ADMIN BRANDABUR
 45300 LECT-DISC B 8-10 W F 240 ADMIN
 45317 LECT-DISC C 10-12 TU TH 240 ADMIN
 45324 LECT-DISC D 2-4 TU TH 240 ADMIN BRANDABUR
 45331 LECT-DISC E 10-12 M W 240 ADMIN
 45349 LECT-DISC F 2-4 M W 240 ADMIN COHEN

COURSES FOR ADVANCED UNDERGRADUATES

HUMAN 201 INTRODUCTION TO THE OLD TESTAMENT.
 OPEN TO SOPHOMORES IN GOOD STANDING.
 3 HOURS
 45356 LECT-DISC A 9 M W F 101 ARMORY MARBLESTONE

 HUMAN 208 THE DEAD SEA SCROLLS.
 PREREQUISITE: HUMAN. 201 OR 202.
 3 HOURS
 45363 LECT-DISC A 11 M W F 430 ARMORY ROBBINS

 HUMAN 211 THE GROWTH OF AMERICAN CULTURE, I.
 PREREQUISITE: JUNIOR STANDING.
 4 HOURS
 45371 LECT-DISC A 4 MTUWTH 62 K M CARRINGER
 BELTING
 AND MORGAN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HUMAN 363 INTRODUCTION TO COMPARATIVE LITERATURE, I.
 SAME AS C. LIT. 363.
 3 HOURS OR 3/4 UNIT
 45388 LECT-DISC D 11 TU TH 304 L H SMALLEY
 45395 LECT-DISC F 2 TU TH 304 L H SMALLEY

INDONESIAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

INDON 201 ELEMENTARY INDONESIAN, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
WEEKLY IN THE LANGUAGE LABORATORY.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR INDON. 201 WITHOUT
INDON. 202.
5 HOURS
OPEN TO FRESHMEN.
*ONE ADDITIONAL HOUR TO BE ARRANGED.
45406 LECT-DISC *2 M W F 405 M H
*1 TU 405 M H

KARTASASMITA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INDON 303 INTERMEDIATE INDONESIAN, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
PREREQUISITE: INDON. 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT
*TWO ADDITIONAL HOURS TO BE ARRANGED.
45413 LECT-DISC *3 M W F 320 M H

KARTASASMITA

INDUSTRIAL ENGINEERING

DEPARTMENT OFFICE

144 M E B

COURSES FOR UNDERGRADUATES

I E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
45421 CONF Y APP

COURSES FOR ADVANCED UNDERGRADUATES

I E 230 LABOR RELATIONS.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF
INSTRUCTOR.
3 HOURS
45438 LECT-DISC C 10 M W F 235 M E B

I E 232 METHODS - TIME ANALYSIS.
PREREQUISITE: M. E. 185, OR EQUIVALENT; JUNIOR STANDING.
3 HOURS
45445 LAB-DISC E 1-3 M W 235 M E B

I E 237 MANUFACTURING ORGANIZATION AND OPERATION.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
3 HOURS
45452 LECT-DISC D 11 M W F 253 M E B

I E 282 PROCESS PLANNING AND ECONOMY IN MANUFACTURING.
PREREQUISITE: M. E. 185 OR EQUIVALENT; SENIOR STANDING IN
ENGINEERING.
3 HOURS
45460 LECT P 1 TJ TH 135 M E B
45477 LAB L 9-12 TU 135 M E B
45484 LAB Q 2-5 TU 135 M E B

I E 286 OPERATIONS ANALYSIS.
PREREQUISITE: I. E. 232 AND MATH 263, OR CONSENT OF INSTRUCTOR.
3 HOURS
45491 LECT-DISC B 9 M W F 243 M E B

- I E 288 INDUSTRIAL SYSTEMS ANALYSIS AND DESIGN.
PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 282 AND 286.
3 HOURS
45502 LECT CQ3 10 M F 243 M E B
LAB CQ3 2-5 TH 243 M E B
- I E 290 SENIOR PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING.
2 HOURS
45510 CONF Y ARR
- I E 291 SEMINAR.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, MUST BE
TAKEN FIRST SEMESTER OF SENIOR YEAR.
0 CREDIT
45527 LECT H 4 M 253 M E B
- I E 293 SPECIAL PROJECTS.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, CONSENT OF
HEAD OF DEPARTMENT.
3 HOURS
45534 CONF Z ARR
- I E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS
45541 CONF 6Z ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- I E 305 PRINCIPLES OF ERGONOMICS.
SAME AS PHYSL. 305.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT
45559 LECT F 2 MTUWTH 253 M E B HERTIG,
JOHNSON
AND OTHERS
- I E 332 STANDARD TIME SYSTEMS.
PREREQUISITE: I. E. 232.
3 HOURS, OR 3/4 OR 1 UNIT
45566 LECT-DISC 8-10 TU TH 235 M E B PIGAGE
- I E 333 ENGINEERING APPLICATIONS OF STATISTICS.
PREREQUISITE: MATH. 263 OR MATH. 363.
3 HOURS, OR 3/4 OR 1 UNIT
45573 LECT-DISC 3 M W F 243 M E B HENRY
- I E 355 NUMERICAL CONTROL OF MANUFACTURING PROCESSES.
PREREQUISITE: M. E. 185 OR CONSENT OF INSTRUCTOR; BACKGROUND
IN COMPUTER TECHNOLOGY.
3 HOURS, OR 3/4 TO 1 UNIT
45581 LECT-DISC F 2 M W F 135 M E B DOYLE
- I E 357 SAFETY ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF
INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
45598 LECT-DISC 8 M W F 218 M E B HARPER
- I E 359 INDUSTRIAL FIRE PROTECTION.
PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 357 OR CONSENT OF
INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
45609 LECT-DISC 11 M W F 235 M E B HARPER
- I E 386 INDUSTRIAL ENGINEERING ANALYSIS.
PREREQUISITE: MATH. 263 AND I. E. 286, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
45616 LECT-DISC 11 M W F 243 M E B DUNCAN

COURSES FOR GRADUATES

I E	401	SCIENTIFIC MANAGEMENT, I. SAME AS B. ADM. 401. PREREQUISITE: I. E. 386 AND MATH. 361, OR CONSENT OF INSTRUCTOR. 1 UNIT							
	45623	LECT-DISC	3-5	TU TH	136	M E B		WALLHAUS	
I E	416	DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 1. SAME AS C. E. 416. PREREQUISITE: B. S. IN CIVIL ENGINEERING OR INDUSTRIAL ENGINEERING; CREDIT OR REGISTRATION IN MATH. 363, OR CONSENT OF INSTRUCTOR. 1 UNIT							
	45631	LECT-DISC LM	8-920	TU TH	243	M E B		DESSOUKY	
I E	453	WORK-MEASUREMENT. PREREQUISITE: I. E. 332. 1 UNIT							
	45648	LECT-DISC	ARR					PIGAGE	
I E	458	LABORATORY INVESTIGATIONS IN INDUSTRIAL ENGINEERING. 1/2 TO 1 1/2 UNITS							
	45655	CONF	ARR					DESSOUKY, DOYLE, DUNCA HARPER, HENR PIGAGE	
I E	473	ERGONOMICS SEMINAR. SAME AS PHYSL. 473. PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF INSTRUCTOR. 1/2 UNIT							
	45662	DISC	3-5	TH	136	BUR HALL		HERTIG	

ITALIAN

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY HOURS IN ITALIAN, EXCLUDING ITALIAN 101 AND 102, AND INCLUDING AT LEAST FIVE HOURS FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. LINGUISTICS 300 AND ITALIAN 291 AND 292 ARE ACCEPTABLE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, LATIN, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, AND SPANISH.

COURSES FOR UNDERGRADUATES

ITAL	101	ELEMENTARY ITALIAN, I. *NO CREDIT TOWARD GRADUATION IS GIVEN FOR ITAL. 101 WITHOUT ITAL. 102. *4 HOURS ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS W3-W27.							
	45670	LECT-DISC	A	8	TUWTHF	108	L H		
	45687	LECT-DISC	D	11	TUWTHF	154	ADMIN		
	45694	LECT-DISC	X	12	MTUWTH	108	L H		
	45705	LECT-DISC	E	1	MTUWTH	154	ADMIN		
	45712	LAB	W 3	8	W	202	L H		
	45720	LAB	W 5	9	W	202	L H		
	45737	LAB	W 7	10	W	202	L H		
	45744	LAB	W 9	11	W	202	L H		
	45751	LAB	W 11	12	W	202	L H		

ITAL 101	CONTINUED					
45769	LAB	W13	1	W	202	L H
45776	LAB	W15	2	W	202	L H
45783	LAB	W17	3	W	202	L H
45791	LAB	W19	4	W	202	L H
45801	LAB	W21	5	W	202	L H
45819	LAB	W25	7PM	W	202	L H
45826	LAB	W27	8PM	W	202	L H

ITAL 102 ELEMENTARY ITALIAN, II.
 PREREQUISITE: ITAL. 101 OR ONE YEAR OF HIGH SCHOOL ITALIAN.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS W3-W27.

45833	LECT-DISC	C	10	TUWTHF	4	G H
45841	LECT-DISC	X	12	MTUWTH	118	L H
45858	LAB	W 3	8	W	202	L H
45865	LAB	W 5	9	W	202	L H
45872	LAB	W 7	10	W	202	L H
45880	LAB	W 9	11	W	202	L H
45897	LAB	W11	12	W	202	L H
45908	LAB	W13	1	W	202	L H
45915	LAB	W15	2	W	202	L H
45922	LAB	W17	3	W	202	L H
45930	LAB	W19	4	W	202	L H
45947	LAB	W21	5	W	202	L H
45954	LAB	W25	7PM	W	202	L H
45961	LAB	W27	8PM	W	202	L H

ITAL 103 INTERMEDIATE ITALIAN, I.
 PREREQUISITE: ITAL. 102 OR TWO YEARS OF HIGH SCHOOL ITALIAN.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS W3-W22.

45979	LECT-DISC	C	10	TUWTHF	217	G H
45986	LECT-DISC	E	1	MTUWTH	4	G H
45993	LAB	W 3	8-830	W	202	L H
		W 3	8-830	F	210	L H
46006	LAB	W 4	830-9	W	202	L H
		W 4	830-9	F	210	L H
46013	LAB	W 5	9-930	W	202	L H
		W 5	9-930	F	210	L H
46021	LAB	W 6	930-10	W	202	L H
		W 6	930-10	F	210	L H
46038	LAB	W 7	10-1030	W	202	L H
		W 7	10-1030	F	210	L H
46045	LAB	W 8	1030-11	W	202	L H
		W 8	1030-11	F	210	L H
46052	LAB	W 9	11-1130	W	202	L H
		W 9	11-1130	F	210	L H
46060	LAB	W10	1130-12	W	202	L H
		W10	1130-12	F	210	L H
46077	LAB	W11	12-1230	W	202	L H
		W11	12-1230	F	210	L H
46084	LAB	W12	1230-1	W	202	L H
		W12	1230-1	F	210	L H
46091	LAB	W13	1-130	W	202	L H
		W13	1-130	F	210	L H
46102	LAB	W14	130-2	W	202	L H
		W14	130-2	F	210	L H
46110	LAB	W15	2-230	W	202	L H
		W15	2-230	F	210	L H
46127	LAB	W16	230-3	W	202	L H
		W16	230-3	F	210	L H
46134	LAB	W17	3-330	W	202	L H
		W17	3-330	F	210	L H
46141	LAB	W18	330-4	W	202	L H
		W18	330-4	F	210	L H
46159	LAB	W19	4-430	W	202	L H
		W19	4-430	F	210	L H
46166	LAB	W20	430-5	W	202	L H
		W20	430-5	F	210	L H
46173	LAB	W21	5-530	W	202	L H
		W21	5-530	F	210	L H
46181	LAB	W22	530-6	W	202	L H
		W22	530-6	F	210	L H

ITAL 104 INTERMEDIATE ITALIAN, II.
 PREREQUISITE: ITAL. 103 OR THREE YEARS OF HIGH SCHOOL ITALIAN.
 4 HOURS

46198	LECT-DISC	X	12	MTUWTH	154	ADMIN
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ITAL 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 46209 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

ITAL 211 COMPOSITION AND CONVERSATION, I.
 PRACTICE IN THE LANGUAGE LABORATORY IS REQUIRED.
 PREREQUISITE: ITAL. 104 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 46216 LECT-DISC 11 M W F 176 L H

ITAL 291 SENIOR THESIS.
 FOR CANDIDATES FOR HONORS IN ITALIAN.
 2 HOURS
 46223 CONF 6A ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ITAL 311 DANTE--LA DIVINA COMMEDIA.
 PREREQUISITE: ITAL. 101 AND 102.
 2 HOURS OR 1/2 UNIT
 46231 LECT-DISC 9 TU TH 102 L H PIETRANGELI

ITAL 321 MODERN ITALIAN LITERATURE.
 PREREQUISITE: ITAL. 101 AND 102.
 2 HOURS OR 1/2 UNIT
 46248 LECT-DISC 11 TU TH 431 ARMORY HERSHBERG

COURSES FOR GRADUATES

ITAL 400 BEGINNING COURSE FOR GRADUATE STUDENTS.
 4 HOURS
 46255 LECT-DISC 8 TUWTHF 230 L H

ITAL 404 STORIA DELLA LETTERATURA ITALIANA, II.
 PREREQUISITE: ITAL. 403.
 1 UNIT
 SECTION F WILL DEAL WITH ITALIAN POETRY FROM LEOPARDI TO MONTALE.
 46262 LECT-DISC F 2-4 F 230 L H MONTANO

ITAL 415 ITALIAN LITERATURE OF THE RENAISSANCE.
 1 UNIT
 46270 LECT-DISC 9 M W 223 L H PIETRANGELI

ITAL 462 INTRODUCTION TO ROMANCE LINGUISTICS.
 SAME AS LING., FR., SPAN. AND PORT. 462.
 1/2 UNIT
 46287 LECT-DISC 9 TU TH 230 L H KAHANE

ITAL 491 SPECIAL TOPICS IN ITALIAN.
 1/2 OR 1 UNIT
 46294 CONF ARR STAFF

ITAL 499 THESIS RESEARCH.
 0 TO 4 UNITS
 46305 CONF ARR KAHANE MON
 PIETRANGEL

JAPANESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

JAPAN 201 ELEMENTARY JAPANESE, I.
 NO CREDIT TOWARD GRADUATION IS GIVEN FOR JAPAN. 201 WITHOUT
 JAPAN. 202.
 5 HOURS
 OPEN TO FRESHMEN.
 46312 LECT-DISC 2 MTUWTHF 136 ARMORY KINOSHITA

JAPAN 203 INTERMEDIATE JAPANESE, I.
 PREREQUISITE: JAPAN. 202 OR EQUIVALENT.
 5 HOURS
 46320 LECT-DISC 2 MTUWTHF 250 ARMORY

JAPAN 205 JAPANESE LITERATURE IN TRANSLATION, I.
 3 HOURS
 46337 LECT-DISC 10 M W F 94 COM W EIDE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JAPAN 301 INTENSIVE JAPANESE, I.
 10 HOURS OR 2 UNITS
 46344 LECT-DISC 3-5 MTUWTHF 24 COM W MAKINO

JAPAN 305 ADVANCED READINGS IN MODERN JAPANESE, I.
 PREREQUISITE: JAPAN. 304 OR EQUIVALENT.
 3 HOURS OR 1 UNIT
 46351 LECT-DISC ARR

JAPAN 320 READINGS IN CHINESE AND JAPANESE BUDDHIST TEXTS.
 SAME AS CHIN. 320.
 PREREQUISITE: JAPAN. 306 OR CHIN. 306, OR CONSENT OF INSTRUCTOR
 3 HOURS OR 1 UNIT
 46369 LECT-DISC 1-230 TU TH 148 ARMORY UNNO

JOURNALISM

DEPARTMENT OFFICE

120A G H

COURSES FOR UNDERGRADUATES

JOURN 114 AGRICULTURAL JOURNALISM.
 SAME AS AGR. 114.
 3 HOURS
 46376 LECT-DISC 10 TU TH 313 M H EVANS
 46383 LAB 1 1 TH 442 M H
 46391 LAB 2 2 TH 442 M H
 46401 LAB 3 3 TH 442 M H

COURSES FOR ADVANCED UNDERGRADUATES

JOURN 204 TYPOGRAPHY.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 46419 LECT S 2 TU TH 213 G H HANSON
 46426 LAB E 1-3 W 31 G H
 46433 LAB G 3-5 M 31 G H
 46441 LAB T1 3-5 TU 31 G H
 46458 LAB T2 3-5 TH 31 G H
 46465 LAB Z2 7-9PM W 31 G H
 46472 LAB C 10-12 F 31 G H

JOURN 211 NEWSWRITING.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS

46480	LECT	D	11		F	223	G H	HILOWEIN AND STAFF
46497	LAB	A	8-10	M W		25	G H	
46508	LAB	C	10-12	M W		25	G H	
46515	LAB	E	1-3	M W		25	G H	
46522	LAB	G	3-5	M W		25	G H	
46530	LAB	L	8-10	TU TH		25	G H	
46547	LAB	N	10-12	TU TH		25	G H	
46554	LAB	S	1-3	TU TH		25	G H	
46561	LAB	T	3-5	TU TH		25	G H	

JOURN 212 PUBLIC AFFAIRS REPORTING.
 PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
 3 HOURS
 *SIX ADDITIONAL HOURS TO BE ARRANGED.

46579	LECT-DISC	N	*10	TU TH		113	G H	ZIFF ERICKSON
46586	LECT-DISC	O	*11	TU TH		1	G H	

JOURN 215 CONTEMPORARY AFFAIRS.
 PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
 2 HOURS

46593	LECT-DISC	R	1	TU TH		113	G H
46604	LECT-DISC	S	2	TU TH		1	G H

JOURN 217 HISTORY OF COMMUNICATIONS.
 SAME AS COMM. 217.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS

46611	LECT-DISC	B	9	M W F		215	G H	ERICKSON KNIGHTS
46629	LECT-DISC	T	3	TU		215	G H	
		T	3-5	TH		215	G H	

JOURN 220 PROCESSES AND SYSTEMS OF COMMUNICATION.
 SAME AS COMM. 220.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS B1 AND G1 ARE FOR STUDENTS IN THE COLLEGE OF
 COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS
 B2 AND G2. ART-GRAPHIC DESIGN MAJORS SEE COMMUNICATIONS 220.

46636	LECT-DISC	*B1	10	M W F		113	G H	KREILING
46643	LECT-DISC	*B2	10	M W F		113	G H	
46651	LECT-DISC	*G1	3	M W F		113	G H	CAREY
46668	LECT-DISC	*G2	3	M W F		113	G H	

JOURN 223 PHOTO-JOURNALISM.
 COST OF MATERIALS APPROXIMATELY \$15 PER STUDENT. CAMERAS ARE
 PROVIDED BY THE COLLEGE.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS AND
 CONSENT OF INSTRUCTOR.
 3 HOURS
 *LECTURE-DISCUSSION B1 AND LABS R1 AND S1 ARE FOR STUDENTS IN THE
 COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN
 LECTURE-DISCUSSION B2 AND LAB R2 OR S2.

46675	LECT-DISC	*B1	9		F	25	G H	HILOWEIN
46682	LECT-DISC	*B2	9		F	25	G H	
46690	LAB	*R1	1-5	TU		13	G H	
46701	LAB	*R2	1-5	TU		13	G H	
46718	LAB	*S1	1-5		TH	13	G H	
46725	LAB	*S2	1-5		TH	13	G H	

JOURN 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
 SAME AS COMM. 231.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF
 COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2
 AND E2.

46732	LECT-DISC	*D1	11	M W F		123	G H	PETERSON
46740	LECT-DISC	*D2	11	M W F		123	G H	
46757	LECT-DISC	*E1	1	M W F		123	G H	GUBACK
46764	LECT-DISC	*E2	1	M W F		123	G H	

JOURN 241 LAW AND COMMUNICATIONS.
 SAME AS COMM. 241.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 46771 LECT-DISC 2 M W F 215 G H ALFELD

JOURN 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
 SAME AS COMM. AND SOC. 251.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 46789 LECT-DISC C 10 M W F 215 G H GUBACK
 46796 LECT-DISC G 1 M W F 215 G H KREILING

JOURN 291 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 2 OR 3 HOURS
 46807 CONF A ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JOURN 308 HIGH SCHOOL JOURNALISM.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 46814 LECT-DISC C 10 M W F 1 G H GILMORE

JOURN 321 NEWS EDITING.
 PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 204 AND 212;
 REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE
 COLLEGE.
 4 HOURS OR 1 UNIT
 46821 LECT P 11 TU TH 215 G H SCHACHT
 46839 LAB C 8-11 M W 229 G H
 46846 LAB E 1-4 M W 229 G H
 46853 LAB R 1-4 TU TH 229 G H

JOURN 323 ADVANCED REPORTING.
 PREREQUISITE: JOURN 211 AND 212; REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
 3 HOURS OR 1/2 UNIT
 *SIX ADDITIONAL HOURS TO BE ARRANGED.
 46861 LECT-DISC *3 TU TH 113 G H ZIFF

JOURN 326 MAGAZINE ARTICLE WRITING.
 PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
 3 HOURS OR 1/2 UNIT
 *SECTION E1 IS FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS
 ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.
 46878 LECT-DISC *E1 1 M W F 113 G H SCHACHT
 46885 LECT-DISC *E2 1 M W F 113 G H

JOURN 327 SPECIAL TOPICS IN TWENTIETH CENTURY JOURNALISM.
 PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
 2 HOURS OR 1/2 UNIT
 46892 LECT-DISC 10 TU TH 1 G H

JOURN 329 THE RHETORIC OF JOURNALISM.
 PREREQUISITE: JOURN. 211 OR CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT
 46903 LECT-DISC 9 TU TH 113 G H SCHACHT

COURSES FOR GRADUATES

JOURN 468 THE POLITICAL ECONOMY OF COMMUNICATIONS.
 SAME AS COMM. 468.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT
 46911 LECT-DISC 10-12 TU 123 G H GUBACK

JOURN 470 COMMUNICATIONS AND POPULAR CULTURE.
 SAME AS COMM. 470.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT
 46928 LECT-DISC 3-5 M 123 G H KREILING

JOURN 471 PRO-SEMINAR IN COMMUNICATIONS, I.
 SAME AS COMM. 471.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT
 46935 LECT-DISC 1-3 TH 123 G H CAREY

JOURN 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.
 SAME AS COMM. 473.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT
 46942 LECT-DISC 10-12 TH 123 G H JENSEN

JOURN 474 COMMUNICATIONS SYSTEMS.
 SAME AS COMM. 474.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT
 46950 LECT-DISC 3-5 TH 123 G H SCHILLER

JOURN 490 SPECIAL TOPICS IN JOURNALISM.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 1/2 OR 1 UNIT
 *SECTION A TOPIC: READINGS IN POPULAR CULTURE.
 *SECTION B TOPIC: HISTORY OF COMMUNICATIONS.
 46967 CONF ARR JENSEN & ST
 46974 CONF *A 7-9PM TH 123 G H CAREY
 46981 CONF *B 730-930PM TU 123 G H KNIGHTS

JOURN 492 RESEARCH METHODS IN COMMUNICATIONS.
 SAME AS COMM. 492.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT
 *ONE ADDITIONAL HOUR TO BE ARRANGED.
 46999 LECT-DISC *3-5 W 18 G H WIGGINS

JOURN 499 THESIS RESEARCH.
 PREREQUISITE: GRADUATE STANDING IN JOURNALISM.
 1 TO 2 UNITS
 47001 CONF ARR STAFF

KOREAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

KOREA 201 ELEMENTARY KOREAN, I.
 5 HOURS
 47019 LECT-DISC ARR KIM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

KOREA 303 INTERMEDIATE KOREAN, I.
 PREREQUISITE: KOREAN 202 OR EQUIVALENT.
 5 HOURS OR 1 UNIT
 47026 LECT-DISC ARR KIM

LABOR AND INDUSTRIAL RELATIONS

DEPARTMENT OFFICE

504 E ARMORY, C.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L I R 318 INDUSTRY AND SOCIETY. SAME AS SOC. 318. PREREQUISITE: SIX HOURS OF SOCIOLOGY INCLUDING ONE OF THE FOLLOWING: SOC. 218, 223, 300, 322, 326, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2, SOCIOLOGY MAJORS SEE SOCIOLOGY 318.							
47033	LECT-DISC	*A1	1030-12	TU TH	300	L H	KARSH
47041	LECT-DISC	*A2	1030-12	TU TH	300	L H	KARSH
L I R 321 INDUSTRIAL SOCIAL SYSTEMS, I. SAME AS B. ADM. 321. PREREQUISITE: I. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 TO 1 UNIT							
47058	LECT-DISC	B	9	M W F	243	COM W	
L I R 343 UNIONS, BARGAINING, AND PUBLIC POLICY. SAME AS ECON. 343. PREREQUISITE: ECON. 103 OR 108. 3 HOURS, OR 1/2 OR 1 UNIT							
47065	LECT-DISC	D	11	M W F	307	D K H	PARRISH
L I R 355 INDUSTRIAL SOCIAL PSYCHOLOGY. SAME AS PSYCH. 355. PREREQUISITE: PSYCH. 201 OR 357. 3 HOURS, OR 1/2 OR 1 UNIT							
47072	LECT		11	M W F	32	PSYCH BLDG	GRAEN
L I R 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT. SAME AS PSYCH. 357. PREREQUISITE: PSYCH. 100 OR EQUIVALENT. 3 HOURS, OR 1/2 OR 1 UNIT							
47080	LECT		11-1220	TU TH	29	PSYCH BLDG	
L I R 360 EMPLOYEE BENEFIT PLANS. SAME AS FIN. 360. PREREQUISITE: FIN. 260, ECON. 240, OR I. ADM. 351; OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 TO 1 UNIT							
47097	LECT-DISC	N	10-12	TU	226	COM W	
		N	10	TH	226	COM W	

COURSES FOR GRADUATES

L I R 435 MOTIVATION AND MORALE IN INDUSTRY. SAME AS PSYCH. 435. PREREQUISITE: FOUR UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, OR CONSENT OF INSTRUCTOR. 1 UNIT							
47108	LECT		2-4	M	21	PSYCH BLDG	HULIN
L I R 440 LABOR ECONOMICS. SAME AS ECON. 440. PREREQUISITE: ECON. 300 AND 301. 1 UNIT							
47115	LECT-DISC	R	1-3	TH	11	COM W	HARTMAN
L I R 442 COLLECTIVE BARGAINING. SAME AS ECON. 442. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT							
47122	LECT-DISC	C	10-12	M	43	L I R	WAGNER

L I R 444 ECONOMICS OF MANPOWER RESOURCES.
 SAME AS ECON. 444.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *GRADUATE CREDIT IS NOT GIVEN FOR BOTH ECON. 345 AND
 ECON./L. I. R. 444.
 *1 UNIT
 47130 LECT-DISC G 3-5 M 11 COM W PARRISH

L I R 446 FOREIGN AND INTERNATIONAL LABOR MOVEMENTS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 47147 LECT-DISC 10-12 TH 43 L I R

L I R 447 LABOR UNION ORGANIZATION AND ADMINISTRATION.
 SAME AS ECON. 447.
 PREREQUISITE: MAJOR IN SOCIAL SCIENCES OR CONSENT OF INSTRUCTOR.
 1 UNIT
 47154 LECT-DISC 10-12 W 43 L I R GARMAN

L I R 490 INDIVIDUAL TOPICS.
 0 TO 2 UNITS
 47161 CONF A ARR
 47179 CONF B ARR

L I R 492 RESEARCH SEMINAR IN LABOR AND INDUSTRIAL RELATIONS.
 PREREQUISITE: MAJOR IN SOCIAL SCIENCES OR CONSENT OF INSTRUCTOR.
 1 UNIT
 47186 LECT-DISC A 10-12 F 43 L I R
 47193 LECT-DISC B 3-5 TU 43 L I R

L I R 494 THE MAJOR THEORISTS OF INDUSTRIAL RELATIONS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 47204 LECT-DISC 3-5 TH 43 L I R

L I R 496 THE EVOLUTION OF LABOR-MANAGEMENT RELATIONS IN AMERICA.
 PREREQUISITE: GRADUATE STANDING IN LABOR AND INDUSTRIAL RELATIONS
 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 47211 LECT-DISC 3-5 W 43 L I R GREEN

L I R 498 ANALYSIS OF ORGANIZATIONS IN INDUSTRIAL RELATIONS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 47229 LECT-DISC 1-3 M 43 L I R KIMBERLY

L I R 499 THESIS RESEARCH.
 0 TO 4 UNITS
 47236 CONF ARR

LANDSCAPE ARCHITECTURE

DEPARTMENT OFFICE

205 M H

COURSES FOR UNDERGRADUATES

L A	101	INTRODUCTION TO LANDSCAPE ARCHITECTURE.					
		2 HOURS					
	47243	LECT	3	TU TH	153	A S L	HAZLETT
L A	133	LANDSCAPE DESIGN.					
		4 HOURS					
	47251	LECT-DISC	1	M W F	153	A S L	HOLADAY
	47268	LAB	8-10	M W F	214	M H	
		A	7-PM	M	214	M H	
	47275	LAB	10-12	M W F	214	M H	
		C	7-PM	W	214	M H	
L A	141	LANDFORM DESIGN.					
		3 HOURS					
	47282	LECT-DISC	2	TU TH	153	A S L	ZOLOMIJ
	47290	LAB	8-10	TU TH S	214	M H	
	47301	LAB	10-12	TU TH S	214	M H	
L A	151	PLANT MATERIALS, I.					
		PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR.					
		3 HOURS					
	47318	LECT	3	M W F	153	A S L	STAFF
		LAB	4	M W F	153	A S L	
L A	181	VISUAL COMMUNICATIONS, I.					
		PREREQUISITE: ARCH. 171 AND 172.					
		2 HOURS					
	47325	LAB-DISC	3-5	M W F	214	M H	STAFF
L A	199	UNDERGRADUATE OPEN SEMINAR.					
		*MAY BE REPEATED.					
		*0 TO 9 HOURS					
	47332	CONF	ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

L A	200	FIELD TRIP.					
		PREREQUISITE: JUNIOR OR SENIOR STANDING IN LANDSCAPE ARCHITECTURE					
		OR CONSENT OF INSTRUCTOR.					
		0 CREDIT.					
	47340	LAB	ARR				STAFF
L A	214	HISTORY OF LANDSCAPE ARCHITECTURE.					
		3 HOURS					
	47357	LECT	10	M W F	153	A S L	HARKNESS
L A	226	PRINCIPLES OF PARK DESIGN.					
		2 HOURS					
	47364	LECT	11	M W	153	A S L	RUTLEDGE
L A	235	RECREATION LAND DESIGN.					
		PREREQUISITE: L. A. 134 OR CONSENT OF INSTRUCTOR.					
		4 HOURS					
	47371	LAB-DISC	8-12	M W F	200S	M H	ZOLOMIJ
L A	243	SITE ENGINEERING.					
		PREREQUISITE: L. A. 102 AND 141.					
		3 HOURS					
	47389	LAB-DISC	8-12	TU TH	200S	M H	HAZLETT
L A	253	PLANTING DESIGN, I.					
		PREREQUISITE: L. A. 151 OR 152.					
		3 HOURS					
	47396	LAB-DISC	1-5	TU TH	200N	M H	KEITH

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L A 337 REGIONAL LANDSCAPE DESIGN.
 PREREQUISITE: L. A. 236 OR CONSENT OF INSTRUCTOR.
 5 HOURS, OR 1 TO 1 1/2 UNITS
 47407 LAB-DISC 1-5 M W F 200N M H WALKER

COURSES FOR GRADUATES

L A 437 REGIONAL LANDSCAPE DESIGN.
 1 UNIT
 47414 LAB 1-5 M W F 105 MUM HOUSE WALKER

L A 477 DEVELOPMENT OF LANDSCAPE ARCHITECTURAL THOUGHT.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT
 47421 LECT-DISC 8-10 TU 210 M H RUTLEDGE

L A 490 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 1 UNIT
 47439 CONF ARR STAFF

L A 499 THESIS RESEARCH.
 0 TO 1 1/2 UNITS
 47446 CONF ARR STAFF

LATIN

DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS, EXCLUDING LATIN 101, 102, AND 103, AND INCLUDING SIX HOURS IN TRANSLATION COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE. SEE ALSO THE SPECIALIZED CURRICULUM PREPARATORY TO THE TEACHING OF LATIN.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (GREEK BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

COURSES FOR UNDERGRADUATES

LAT 101 ELEMENTARY LATIN, I.
 *NO CREDIT TOWARD GRADUATION IS GIVEN FOR LAT. 101 WITHOUT LAT. 102.
 *4 HOURS

47453	LECT-DISC	A	10	MTUWTH	362	L H	SCANLAN
47461	LECT-DISC	B	12	MTUWTH	362	L H	SCANLAN
47478	LECT-DISC	C	10	MTUWTHF	301	ARCH	PARKER
47485	LAB-DISC	C1	10	TU TH	209	D K H	
47492	LAB-DISC	C2	10	TU TH	394	L H	
47503	LAB-DISC	C3	10	TU TH	433	ARMORY	
47511	LAB-DISC	C4	10	TU TH	388	L H	
47528	LAB-DISC	C5	10	TU TH	116	L H	
47535	LAB-DISC	C6	10	TU TH	336	L H	
47542	LAB-DISC	C7	10	TU TH	270	L H	

LAT 102 ELEMENTARY LATIN, II.
 PREREQUISITE: LAT. 101 OR ONE YEAR OF HIGH SCHOOL LATIN.
 4 HOURS
 *SECTION A IS LIMITED TO STUDENTS HAVING TAKEN 101A IN THE SPRING.

47574	LECT-DISC	*A	12	MTUWTH	240	ADMIN	
47550	LECT-DISC	B	12	MTUWTH	430	ARMORY	
47567	LECT-DISC	C	1	MTUWTH	240	ADMIN	

LAT	103	INTERMEDIATE LATIN. PREREQUISITE: LAT. 102 OR TWO YEARS OF HIGH SCHOOL LATIN. 4 HOURS *SECTIONS D AND E ARE LIMITED TO STUDENTS HAVING TAKEN 102 C IN THE SPRING.					
	47581	LECT-DISC A	11	MTUWTH	433	ARMORY	
	47599	LECT-DISC B	12	MTUWTH	209	D K H	
	47600	LECT-DISC C	1	MTUWTH	430	ARMORY	
	47617	LECT-DISC *D	11	MTUWTH	301	ARCH	
	47624	LECT-DISC *E	12	MTUWTH	236	L H	
LAT	104	INTRODUCTION TO VERGIL. PREREQUISITE: LAT. 103 OR THREE YEARS OF HIGH SCHOOL LATIN. 4 HOURS					
	47631	LECT-DISC A	12	MTUWTH	433	ARMORY	
	47649	LECT-DISC B	1	MTUWTH	433	ARMORY	ALLEN
	47656	LECT-DISC C	2	MTUWTH	433	ARMORY	
LAT	113	LATIN COMPOSITION, I. THIS COURSE AND LAT. 114 ARE REQUIRED OF ALL STUDENTS WHO PLAN TO TEACH LATIN. PREREQUISITE: CREDIT OR REGISTRATION IN LAT. 103, OR THREE YEARS OF HIGH SCHOOL LATIN. 2 HOURS					
	47663	LECT-DISC A	9	TU TH	394	L H	SCANLAN

COURSES FOR ADVANCED UNDERGRADUATES

LAT	201	SURVEY OF LATIN LITERATURE. PREREQUISITE: LAT. 105 OR FOUR YEARS OF HIGH SCHOOL LATIN. 3 HOURS					
	47671	LECT-DISC A	10	M W F	430	ARMORY	TAYLOR
	47688	LECT-DISC B	10	M W F	394	L H	
LAT	203	LITERATURE OF THE REPUBLIC. PREREQUISITE: LAT. 202. 3 HOURS					
	47695	LECT-DISC A	10	M W F	209	D K H	BRIGHT
LAT	280	TEACHERS COURSE. REQUIRED FOR TEACHER-TRAINING MAJORS IN LATIN. PREREQUISITE: LAT. 202 AND SENIOR STANDING. 2 HOURS *DOES NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.					
	47706	LECT-DISC *A	9	MTUW	394	L H	SCANLAN
LAT	291	SENIOR SURVEY. PREREQUISITE: LAT. 204. 2 HOURS					
	47713	CONF	ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LAT	305	CICERO AND THE ROMAN REPUBLIC. PREREQUISITE: LAT. 201 AND 202. 3 HOURS OR 1/2 UNIT					
	47721	LECT-DISC A	9	M W F	362	L H	HELLER
LAT	311	ADVANCED LATIN COMPOSITION, I. REQUIRED OF THOSE RECEIVING THE RECOMMENDATION OF THE DEPARTMENT AS TEACHERS. PREREQUISITE: TWELVE HOURS OF LATIN ACCEPTABLE FOR A MAJOR. 2 HOURS OR 1/2 UNIT					
	47738	LECT-DISC A	10	TU TH	430	ARMORY	NEWMAN
LAT	360	PATRISTIC LATIN. PREREQUISITE: TWO YEARS OF COLLEGE LATIN OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT					
	47745	LECT-DISC A	2	M W F	409	LIB	WALLACH

LAT	391	READINGS IN LATIN LITERATURE.							
		PREREQUISITE: THREE YEARS OF COLLEGE LATIN OR EQUIVALENT, CONSENT OF INSTRUCTOR.							
		*STUDENTS MAY ACCUMULATE 12 HOURS.							
		*3 HOURS OR 3/4 UNIT							
		TOPIC: APULEIUS.							
	47752	LECT-DISC A	1	M	W	F	362	L H	MARCOVICH

COURSES FOR GRADUATES

LAT	400	BEGINNING LATIN FOR GRADUATE STUDENTS.							
		0 CREDIT							
	91953	LECT-DISC	4	MTUWTH			209	D K H	
LAT	414	LUCAN.							
		1 UNIT							
	47760	LECT-DISC A	3-5	M	W	F	409	LIB	OLIVER
LAT	415	LUCRETIUS.							
		1 UNIT							
	47777	LECT-DISC A	3-5	TU	TH		409	LIB	JACOBSON
LAT	462	THE CAROLINGIAN RENAISSANCE.							
		SAME AS C. LIT. 454.							
		PREREQUISITE: LAT. 360, 361, OR EQUIVALENT.							
		1 UNIT							
	47784	LECT-DISC A	3-5	TU	TH		362	L H	WALLACH
LAT	491	DIRECTED READING.							
		PREREQUISITE: SECOND YEAR GRADUATE STANDING.							
		*NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D.							
		*1/4 TO 1 UNIT							
	47791	CONF	ARR						STAFF
LAT	495	BIBLIOGRAPHY AND CRITICISM, I.							
		SAME AS GRK. 495.							
		1/2 UNIT							
	47802	LECT-DISC A	2	TU	TH		409	LIB	OLIVER
LAT	499	THESIS RESEARCH.							
		0 TO 4 UNITS							
	47810	CONF	ARR						STAFF

LATIN AMERICAN STUDIES PROGRAM

DEPARTMENT OFFICE

253 1208 W. CALIFORNIA

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

STUDENTS WHO ELECT LATIN AMERICAN STUDIES AS A MINOR SHALL BE REQUIRED TO:

1. COMPLETE SIX SEMESTERS OR EQUIVALENT OF COLLEGE SPANISH OR PORTUGUESE. IF A STUDENT WISHES TO TAKE BOTH SPANISH AND PORTUGUESE HE MAY TAKE TWO YEARS OF EACH TO SATISFY THIS REQUIREMENT. IN THE CASE OF WELL-QUALIFIED STUDENTS THE LANGUAGE REQUIREMENT MAY BE MODIFIED.

2. COMPLETE AT LEAST TWENTY SEMESTER HOURS FROM THE COURSES LISTED BELOW, INCLUDING SOC. S. 201, CHOSEN FROM AMONG FOUR DEPARTMENTS. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE LATIN AMERICAN STUDIES PROGRAM MAY NOT BE INCLUDED WITHIN THIS TWENTY HOURS.

ANTH	332, 333, 349, 350, 352, 361, 380	POL S	342, 343
ART	318	PORT	301, 303, 304
ECON	352	SOC S	201
GEOG	331, 332	SOC	373
HIST	275, 276, 377, 378	SPAN	222, 231, 242, 307
MUSIC	336		308, 310, 332

GRADUATE MINOR IN LATIN AMERICAN STUDIES

CANDIDATES FOR THE MASTERS DEGREE MUST ELECT A MINIMUM OF TWO UNITS FOR A MINOR IN THIS PROGRAM. DOCTORAL CANDIDATES WHO ELECT LATIN AMERICAN STUDIES AS A SOLE MINOR MUST EARN A MINIMUM OF FOUR UNITS OF CREDIT IN APPROVED COURSES, FOR A SPLIT MINOR, AT LEAST TWO UNITS OF CREDIT MUST BE EARNED. THE COURSES FOR ALL GRADUATE MINORS IN LATIN AMERICAN STUDIES MUST BE TAKEN IN AT LEAST TWO DEPARTMENTS. COURSES IN THE FOLLOWING LIST MAY BE INCLUDED IN THE GRADUATE MINOR:

AG EC	401	MUSIC	336
AGRON	429	POL S	342, 343, 441, 442, 493
ANTH	332, 333, 349, 350, 352, 361, 380, 490	PORT	301, 303, 304, 405, 406
ART	318, 491		491
BOT	300	SOC	373, 490
ECON	352, 451, 490	SPAN	307, 308, 310, 431, 432, 433, 434, 435, 436, 437, 438, 439, 452, 491
GEOG	331, 332, 495		
HIST	275, 276, 377, 378, 461		

STUDENTS IN OTHER COLLEGES

STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF LATIN AMERICAN AFFAIRS, CULTURE, AND LANGUAGES ARE INVITED TO CONSULT WITH MEMBERS OF THE TEACHING STAFF OF THE LATIN AMERICAN STUDIES PROGRAM, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH A PROGRAM MAY OFTEN BE ADOPTED AS A SPECIAL MINOR UNDER EXISTING REGULATIONS IF THE STUDENT SO DESIRES. IT IS RECOGNIZED THAT THE NUMBER OF ELECTIVE HOURS AVAILABLE FOR SUCH SPECIAL AREA STUDIES VARIES AMONG MANY OF THE EIGHT- AND TEN-SEMESTER PROGRAMS IN THE UNIVERSITY, BUT MOST STUDENTS WISHING TO INCREASE THEIR PROFICIENCY IN LATIN AMERICAN AFFAIRS CAN DO SO WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF PARTICULAR VALUE TO STUDENTS WHO INTEND TO CARRY ON TECHNICAL OR PROFESSIONAL WORK IN THE LATIN AMERICAN AREA FOR THE GOVERNMENT, PRIVATE BUSINESS, PUBLICATIONS, OR RELIGIOUS ORGANIZATIONS.

COURSES FOR FIRST-YEAR LAW STUDENTS

NOTE: STUDENTS ASSIGNED TO GROUP I SHOULD TAKE SEC. A OF LAW 301, 303, 305, 307, AND 309.
 STUDENTS ASSIGNED TO GROUP II SHOULD TAKE SEC. B OF LAW 301, 303, 305, 307, AND 309.
 STUDENTS ASSIGNED TO GROUP III SHOULD TAKE SEC. C OF LAW 301, 303, 305, 307, AND 309.

LAW	301	CONTRACTS A.					
		*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.					
		*3 HOURS OR 1 UNIT					
	47827	LECT-DISC	A	11	THFS	B LAW	
	47834	LECT-DISC	B	10	MTUW	A LAW	
	47841	LECT-DISC	C	8	MTUW	A LAW	
LAW	303	TORTS A.					
		*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.					
		*2 HOURS OR 1/2 UNIT					
	47859	LECT-DISC	A	11	M W	A LAW	
	47866	LECT-DISC	B	3	THF	A LAW	
	47873	LECT-DISC	C	2	THF	B LAW	
LAW	305	JUDICIAL REMEDIES.					
		*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.					
		*3 HOURS OR 1 UNIT					
	47881	LECT-DISC	A	3	MTUW	A LAW	
	47898	LECT-DISC	B	4	MTUW	A LAW	
	47909	LECT-DISC	C	9	MTUW	B LAW	
LAW	307	PROPERTY A.					
		*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.					
		*3 HOURS OR 1 UNIT					
	47916	LECT-DISC	A	9	MTUW	A LAW	
	47923	LECT-DISC	B	8	THFS	A LAW	
	47931	LECT-DISC	C	9	THFS	B LAW	
LAW	309	CRIMINAL LAW.					
		*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.					
		*3 HOURS OR 1 UNIT					
	47948	LECT-DISC	A	9	THFS	A LAW	
	47955	LECT-DISC	B	10	THFS	A LAW	
	47962	LECT-DISC	C	11	THFS	A LAW	
LAW	310	CONSTITUTIONAL LAW.					
		*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.					
		*4 HOURS OR 1 UNIT					
	47970	LECT-DISC	A	10	WTHFS	D LAW	
	47987	LECT-DISC	B	11	WTHFS	AUD LAW	
	47994	LECT-DISC	C	1	TUWTHF	D LAW	
LAW	315	LEGAL WRITING AND RESEARCH.					
		1 HOUR					
	48007	LECT-DISC	A	1	TU	A LAW	
	48014	LECT-DISC	B	1	W	A LAW	
	48021	LECT-DISC	C	1	TH	A LAW	
	48039	LECT-DISC	D	1	TH	B LAW	
	48046	LECT-DISC	E	2	TH	A LAW	
	48053	LECT-DISC	F	1	F	A LAW	
	48061	LECT-DISC	G	1	F	B LAW	

COURSES FOR ADVANCED LAW STUDENTS

LAW	317	APPELLATE ADVOCACY A.							
	1 HOUR								
	48078	CONF	A	ARR					
LAW	320	BUSINESS ASSOCIATIONS.							
	3 HOURS OR 1 UNIT								
	48085	LECT-DISC	A	9	THFS		D LAW		
	48092	LECT-DISC	B	10	THFS		B LAW		
LAW	322	COMMERCIAL LAW, I.							
	4 HOURS OR 1 UNIT								
	48103	LECT-DISC	A	11	M W		D LAW		
	48111	LECT-DISC	B	2	MTU		D LAW		
LAW	328	INCOME TAXATION.							
	3 HOURS OR 1 UNIT								
	48128	LECT-DISC	A	9	MTUW		D LAW		
			A	4	TU		D LAW		
	48135	LECT-DISC	B	2	MTUW	AUD	LAW		
			B	4	W	AUD	LAW		
LAW	329	DECEDENTS ESTATES AND TRUSTS.							
	3 HOURS OR 1 UNIT								
	48142	LECT-DISC	A	3	MTUW		D LAW		
	48150	LECT-DISC	B	8	THFS		D LAW		
LAW	331	LEGISLATION.							
	3 HOURS OR 1 UNIT								
	48167	LECT-DISC	A	9	MTUW		E LAW		
LAW	333	PERSONS.							
	2 HOURS OR 1/2 UNIT								
	48174	LECT-DISC	A	11	THFS		D LAW		
LAW	337	COMMERCIAL LAW, II.							
	2 HOURS OR 1/2 UNIT								
	48181	LECT-DISC	A	8	MTU		B LAW		
LAW	339	CONFLICT OF LAWS.							
	3 HOURS OR 1 UNIT								
	48199	LECT-DISC	A	9	MTUW	AUD	LAW		
LAW	340	LOCAL GOVERNMENT LAW.							
	3 HOURS OR 1 UNIT								
	48200	LECT-DISC	A	2	WTHF		D LAW		
LAW	341	OIL AND GAS.							
	3 HOURS OR 1 UNIT								
	48217	LECT-DISC	A	10	THFS	AUD	LAW		
LAW	344	CREDITORS RIGHTS.							
	3 HOURS OR 1 UNIT								
	48224	LECT-DISC	A	2	WTHF		C LAW		
LAW	347	LABOR LAW, I.							
	SAME AS L.I.R. 347.								
	3 HOURS OR 1 UNIT								
	48231	LECT-DISC	A	9	THFS	AUD	LAW		
LAW	348	INTERNATIONAL LAW.							
	3 HOURS OR 1 UNIT								
	48249	LECT-DISC	A	8	THFS		C LAW		
LAW	351	JURISPRUDENCE.							
	3 HOURS OR 1 UNIT								
	48256	LECT-DISC	A	2	WTHF		E LAW		
LAW	353	CORPORATION FINANCE AND SECURITIES.							
	2 HOURS OR 1/2 UNIT								
	48263	LECT-DISC	A	3-5	TH		B LAW		

LAW	357	LEGAL ACCOUNTING.						
		2 HOURS						
	48271	LECT-DISC	A	1	M	W	E	LAW
LAW	358	MODERN SOCIAL LEGISLATION.						
		3 HOURS OR 1 UNIT						
	48288	LECT-DISC	A	3	MTUW		AUD	LAW
LAW	360	LEGAL DRAFTING AND LAW OFFICE PRACTICE.						
		2 HOURS						
	48295	LECT-DISC	A	8	M	W	219	LAW
LAW	362	PRACTICE COURT.						
		*CREDIT CONTINGENT UPON COMPLETION OF SECOND SEMESTER WORK.						
		*1 HOUR						
	48306	LECT-DISC	A	1-3			F	COURTROOM LAW
LAW	369	SOVIET LAW.						
		3 HOURS OR 1 UNIT						
	48313	LECT-DISC	A	3	MTUW		B	LAW
LAW	371	SEMINAR IN SELECTED LEGAL PROBLEMS.						
		2 HOURS OR 1/2 UNIT						
	48321	LECT-DISC	A	4-6	M		219	LAW
	48338	LECT-DISC	B	4-6	TU		219	LAW
	48345	LECT-DISC	C	4-6	W		219	LAW
	48352	LECT-DISC	D	4-6	TH		219	LAW
	48360	LECT-DISC	E	4-6	TH		COURTROOM	LAW
	48377	LECT-DISC	F	4-6		F	219	LAW
	48384	LECT-DISC	G	4-6		F	COURTROOM	LAW
LAW	391	LEGAL PROBLEMS.						
		1 HOUR						
	48391	CONF	A	ARR				
LAW	392	LEGAL PROBLEMS.						
		1 HOUR						
	48402	CONF	A	ARR				
LAW	393	LEGAL PROBLEMS.						
		1 HOUR						
	48410	CONF	A	ARR				
LAW	394	LEGAL PROBLEMS.						
		1 HOUR						
	48427	CONF	A	ARR				
LAW	399	RESEARCH ON SPECIAL TOPICS.						
		1 TO 4 HOURS, OR 1/2 OR 1 UNIT						
	48441	CONF	A	ARR				
	48434	CONF	B	ARR				

COURSES FOR GRADUATES

LAW	400	SEMINAR: LEGAL EDUCATION.					
		1/2 UNIT					
	48459	CONF	A	ARR			
LAW	499	THESIS RESEARCH.					
		1/2 TO 3 UNITS					
	48466	CONF	A	ARR			

LIBERAL ARTS

DEPARTMENT OFFICE

294 L H

COURSES FOR UNDERGRADUATES

L A S 141 PHYSICAL SCIENCE, I.

4 HOURS

STUDENTS MUST REGISTER IN THE LECTURE PLUS ONE DISCUSSION SECTION.

*ENROLLMENT IN SECTION S1 LIMITED TO STUDENTS CONCURRENTLY

ENROLLED IN EL. ED. 335, LECT AND LAB 1.

*ENROLLMENT IN SECTION S2 LIMITED TO STUDENTS CONCURRENTLY ENROLLED
IN EL. ED. 335, LECT AND LAB 2.

48473	LECT	A	10	TU TH	100	M M B	ROSEN & STAFF
48481	LECT	B	2	TU TH	141	P B	
48498	LECT	C	3	TU TH	141	P B	
48509	DISC	1	11	TH	8	C A	
48516	DISC	2	3	TH	9	C A	
48523	DISC	3	4	TH	8	C A	
48531	DISC	4	9	TH	9	C A	
48548	DISC	5	11	TH	9	C A	
48555	DISC	6	1	TH	9	C A	
48562	DISC	7	2	TH	9	C A	
48570	DISC	8	4	TH	9	C A	
48587	DISC	9	9	TU	9	C A	
48594	DISC	10	10	TU	9	C A	
48605	DISC	11	1	TH	8	C A	
48612	DISC	12	3	TU	9	C A	
48620	DISC	13	9	TH	8	C A	
48637	DISC	14	2	TH	8	C A	
48644	DISC	15	11	TU	9	C A	
48651	DISC	16	12	TU	9	C A	
48669	DISC	17	2	TU	9	C A	
48676	DISC	18	1	TU	9	C A	
48683	DISC	19	11	TU	8	C A	
48691	DISC	20	10	TH	8	C A	
48701	DISC	21	12	TH	9	C A	
48719	DISC	22	12	TH	8	C A	
48726	DISC	*S1	10	TH	9	C A	
48733	DISC	*S2	12	TU	8	C A	

L A S 142 PHYSICAL SCIENCE, II.
PREREQUISITE: L. A. S. 141.

4 HOURS

LABORATORY (2 OR MORE HOURS PER WEEK) TO BE ARRANGED.

48741	LECT		3	M W	151	P B	ROSEN & STAFF
48758	DISC	23	4	TU	8	C A	
48765	DISC	24	9	TU	8	C A	
48772	DISC	25	10	TU	8	C A	
48780	DISC	26	1	TU	8	C A	
48797	DISC	27	3	TU	8	C A	
48808	DISC	28	4	TU	9	C A	

L A S 162 LITERATURE AND FINE ARTS.

PREREQUISITE: L. A. S. 161 OR CONSENT OF INSTRUCTOR.

4 HOURS

48815	LECT		1	M W	196	L H	DUNDAS & STAFF
48822	DISC	C	9	TU TH	141	A H	
48830	DISC	D	11	TU TH	141	A H	
48847	DISC	F	2	TU TH	141	A H	

L A S 197 FRESHMAN SEMINAR IN PHYSICAL SCIENCE.

PREREQUISITE: JAMES SCHOLAR OR DESIGNATION AS A SUPERIOR STUDENT;
CONSENT OF INSTRUCTOR.

4 HOURS

48854	CONF	E	9	M W F	94	COM W	ROSEN
	LAB	E	ARR				

LIBERAL ARTS (STUDY ABROAD)

COURSES FOR ADVANCED UNDERGRADUATES

L A S 299 LAS STUDY ABROAD.
 PREREQUISITE: PERMISSION OF THE STUDENT'S MAJOR DEPARTMENT
 AND THE COLLEGE OFFICE.
 *FINAL DETERMINATION OF APPROPRIATE CREDIT WILL BE MADE UPON THE
 STUDENT'S COMPLETION OF THE WORK. THE COURSE MAY BE REPEATED TO A
 MAXIMUM OF 30 SEMESTER HOURS PER ACADEMIC YEAR OR TO A TOTAL OF 36
 SEMESTER HOURS, ALL OF WHICH MUST BE EARNED WITHIN ONE
 CALENDAR YEAR.
 0 TO 15 HOURS
 48861 CONF ARR

LIBRARY SCIENCE

DEPARTMENT OFFICE

331 LIB

COURSES FOR UNDERGRADUATES

LIB S 195 INTRODUCTION TO LIBRARY USE.
 INTENDED FOR FRESHMEN AND SOPHOMORES; NOT TO BE COUNTED TOWARD
 THE UNDERGRADUATE MINOR IN LIBRARY SCIENCE. NOT FOR STUDENTS IN
 THE GRADUATE SCHOOL OF LIBRARY SCIENCE.
 3 HOURS
 48879 LECT-DISC A 830-10 TU TH 3288 LIB
 48886 LECT-DISC B 1-230 TU TH 3288 LIB

LIB S 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 48893 CONF 11 TH 66 LIB

COURSES FOR ADVANCED UNDERGRADUATES

LIB S 201 INTRODUCTION TO REFERENCE SERVICE.
 PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
 3 HOURS
 48904 LECT-DISC A 8 M W F 314 LIB
 48911 LECT-DISC B 4-530 M W 128 LIB ALLEN

LIB S 204 DEVELOPMENT AND OPERATION OF LIBRARIES.
 PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
 3 HOURS
 *STUDENTS WILL BE REQUIRED TO MEET ALL AFTERNOON ON APPROXIMATELY
 FOUR TUESDAYS DURING THE SEMESTER.
 48929 LECT-DISC 10 M W 128 LIB Krummel
 48936 LAB A 1-3 TU 309 LIB
 48943 LAB B 3-5 TU 309 LIB

LIB S 255 ORGANIZATION OF LIBRARY MATERIALS.
 PREREQUISITE: JUNIOR STANDING (60 HOURS OF ACADEMIC WORK).
 3 HOURS
 48951 LECT-DISC A 8-10 TU TH 128 LIB
 48968 LECT-DISC B 2-4 M W 128 LIB HENDERSON

LIB S 258 SELECTION OF LIBRARY MATERIALS.
 PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
 3 HOURS
 48975 LECT-DISC A 9 M W F 128 LIB
 48982 LECT-DISC B 1 M W F 128 LIB

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LIB S 301 LITERATURE OF THE HUMANITIES AND SOCIAL SCIENCES. PREREQUISITE: SENIOR STANDING. 3 HOURS OR 1 UNIT						
48990	LECT-DISC	11-1230	M W	328B	LIB	
LIB S 302 LITERATURE OF THE SCIENCES. PREREQUISITE: SENIOR STANDING; AND LIB. S. 204 AND 258, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT						
49002	LECT-DISC	9	M W F	429	LIB	JENKINS
LIB S 303 LIBRARY MATERIALS FOR CHILDREN. PREREQUISITE: JUNIOR STANDING. 3 HOURS, OR 1/2 OR 1 UNIT						
49010	LECT-DISC A	630-930PM	W	66	LIB	SCHULTZ
49027	LECT-DISC B	8	M W F	128	LIB	
49034	LECT-DISC C	10	M W F	314	LIB	LOHRER
49041	LECT-DISC D	1	M W F	314	LIB	LADLEY
LIB S 304 LIBRARY MATERIALS FOR YOUNG ADULTS. PREREQUISITE: JUNIOR STANDING. 3 HOURS, OR 1/2 OR 1 UNIT						
49059	LECT-DISC	9	M W F	314	LIB	THOMASSEN
LIB S 308 AUDIO-VISUAL SERVICES IN LIBRARIES. PREREQUISITE: JUNIOR STANDING. A TWO-DAY FIELD TRIP IS REQUIRED; ESTIMATED EXPENSES \$25.00 3 HOURS OR 1 UNIT						
49066	LECT-DISC	1-3	M W	309	LIB	THOMASSEN
LIB S 309 STORYTELLING. PREREQUISITE: LIB. S. 303 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT						
49073	LECT-DISC	4-530	M W	328*	LIB	LADLEY

COURSES FOR GRADUATES

LIB S 405 LIBRARY ADMINISTRATION. PREREQUISITE: LIB. S. 204, OR CONSENT OF INSTRUCTOR. 1 UNIT						
49081	LECT	1-3	TU	314	LIB	SCHLIPF
49098	DISC A	1	W	328B	LIB	SCHLIPF
49109	DISC B	3	TU	328B	LIB	CROWLEY
49116	DISC C	2	W	328B	LIB	KRUMMEL
LIB S 407 CATALOGING AND CLASSIFICATION, I. PREREQUISITE: LIB. S. 255, OR CONSENT OF INSTRUCTOR. 1 UNIT						
49123	LECT-DISC	10-12	TU	314	LIB	HENDERSON
LIB S 409 COMMUNICATION ROLES AND RESPONSIBILITIES OF LIBRARIES. 1 UNIT						
49131	LECT-DISC	8-10	TU	314	LIB	
LIB S 411 REFERENCE SERVICE IN THE HUMANITIES AND SOCIAL SCIENCES. PREREQUISITE: LIB. S. 201, OR CONSENT OF INSTRUCTOR. 1 UNIT						
49148	LECT-DISC	2	M	314	LIB	LINDERMAN
		2-4	W	314	LIB	
LIB S 415 LIBRARY MECHANIZATION AND AUTOMATION. PREREQUISITE: EITHER (1) LIB. S. 201, 204, 255 AND 258, OR (2) CONSENT OF INSTRUCTOR. 1 UNIT						
49155	LECT-DISC	8	MTUWTH	66	LIB	T V
LIB S 424 GOVERNMENT PUBLICATIONS. PREREQUISITE: LIB. S. 411 OR 412, OR CONSENT OF INSTRUCTOR. 1 UNIT						
49162	LECT-DISC	11-1230	M W	128	LIB	LINDERMAN

LIB S 427	RESOURCES OF AMERICAN RESEARCH LIBRARIES.					
1 UNIT						
49170	LECT-DISC	3-5	M	314 LIB	KRUMMEL	
LIB S 429	INFORMATION STORAGE AND RETRIEVAL.					
PREREQUISITE: LIB. S. 405 AND CONSENT OF INSTRUCTOR.						
1 UNIT						
49187	LECT-DISC	9-11	W	328B LIB	LANCASTER	
LIB S 433	ADVANCED SUBJECT BIBLIOGRAPHY.					
PREREQUISITE: CONSENT OF INSTRUCTOR.						
*STUDENTS MAY ACCUMULATE 1 UNIT.						
*1/2 UNIT						
49194	LECT-DISC E	ARR				
LIB S 441	HISTORY OF CHILDRENS LITERATURE.					
1 UNIT						
49205	LECT-DISC	4-6	TU	328B LIB	LOHRER	
LIB S 443	CONTEMPORARY BOOK PUBLISHING.					
1 UNIT						
49212	LECT-DISC	3-5	TU	314 LIB	ALLEN	

COURSES FOR ADVANCED GRADUATES

LIB S 450	ADVANCED PROBLEMS IN LIBRARIANSHIP.					
PREREQUISITE: A FIFTH-YEAR DEGREE IN LIBRARY SCIENCE, CONSENT OF DIRECTOR.						
1/2 TO 2 UNITS						
49220	CONF	J	ARR		STAFF	
LIB S 460	SPECIAL TOPICS IN LIBRARIANSHIP.					
STUDENTS MAY ENROLL IN A MAXIMUM OF TWO SECTIONS, CONCURRENTLY OR CONSECUTIVELY. OPEN TO DOCTORAL STUDENTS ONLY.						
PREREQUISITE: CONSENT OF INSTRUCTOR.						
1 UNIT						
49237	CONF	E	9-11	F 328* LIB	LANCASTER	
LIB S 465	LIBRARIANSHIP AND SOCIETY.					
PREREQUISITE: MASTER OF SCIENCE IN LIBRARY SCIENCE OR CONSENT OF INSTRUCTOR.						
1 UNIT						
49244	LECT-DISC	10-12	TU	328B LIB	KRONUS	
LIB S 499	499 THESIS RESEARCH.					
*MS CANDIDATES: 0 TO 2 UNITS. DOCTORAL CANDIDATES: 0 TO 4 UNITS.						
*0 TO 4 UNITS						
49251	CONF	ARR			STAFF	

LINGUISTICS

DEPARTMENT OFFICE

309H D H

COURSES FOR UNDERGRADUATES

LING 198	FRESHMAN SEMINAR.							
	PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.							
	3 HOURS							
49269	LECT-DISC	10	TU TH	312	D H			YEGERLEHNER
LING 199	UNDERGRADUATE OPEN SEMINAR.							
	*MAY BE REPEATED.							
	*0 TO 9 HOURS							
	SECTION A TOPIC IS INTRODUCTORY YORUBA.							
	SECTION B TOPIC IS SWAHILI.							
	SECTION C TOPIC IS INTERMEDIATE YORUBA.							
49276	CONF A	4	M WTHF	312	D H			AJOLORE
49283	CONF B	12	MTU THF	311	D H			KIM, NYITI
49291	CONF C	1	M W F	1	G H			STAHLKE

COURSES FOR ADVANCED UNDERGRADUATES

LING 200	ELEMENTS OF LINGUISTICS.							
	PREREQUISITE: ONE YEAR, OR EQUIVALENT, OF A FOREIGN LANGUAGE.							
	3 HOURS							
49301	LECT-DISC	3	M W F	311	D H			STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LING 300	INTRODUCTION TO LINGUISTICS.							
	SAME AS ANTH. 300.							
	PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.							
	3 HOURS OR 1/2 UNIT							
49319	LECT-DISC A	1	M W F	223	G H			KISSEBERTH
49326	LECT-DISC B	10	M W F	400	E H			J MORGAN
LING 301	INTRODUCTION TO GENERAL PHONETICS.							
	3 HOURS OR 1/2 UNIT							
49333	LECT-DISC	11	M W F	311	D H			KIM
LING 302	COMPARATIVE LINGUISTICS.							
	PREREQUISITE: FULFILLMENT OF FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR THE EQUIVALENT.							
	3 HOURS OR 1/2 UNIT							
49341	LECT-DISC	9	M W F	15	D K H			KAHANE
LING 303	NON-WESTERN LINGUISTIC STRUCTURES.							
	MAY BE REPEATED FOR CREDIT UPON CONSENT OF INSTRUCTOR.							
	3 HOURS OR 1 UNIT							
	*SECTION A CONCERNS IRANIAN.							
	*SECTION C CONCERNS SWAHILI. OPEN TO THOSE WHO HAVE AT LEAST ONE YEAR OF SWAHILI.							
	*SECTION D CONCERNS HINDI.							
	*SECTION I CONCERNS LITHUANIAN.							
	SECTION J CONCERNS HITTITE.							
	SECTION K CONCERNS EARLY IRISH.							
49358	LECT-DISC *A	1	MTU THF	325	G H			MILLER
49365	LECT-DISC *C	10	M W F	312	D H			KIM
49372	LECT-DISC *D	11-1230	TU TH	312	D H			Y KACHRU
49380	LECT-DISC *I	1	M W F	300	N L			HOCK
49397	LECT-DISC J	12	M W F	312	D H			MILLER
49408	LECT-DISC K	10	M W F	240	M E L			MARCHAND
LING 307	INTRODUCTION TO MATHEMATICAL LINGUISTICS.							
	SAME AS ANTH. 307.							
	PREREQUISITE: LING. 300.							
	3 HOURS OR 1 UNIT							
49415	LECT-DISC	2	M W F	312	D H			STAFF

LING 315	INTRODUCTION TO INDO-EUROPEAN LINGUISTICS. PREREQUISITE: FULFILLMENT OF LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES. 3 HOURS OR 1 UNIT	49422	LECT-DISC	11	M W F	312 D H	HOCK
LING 320	INTRODUCTION TO AFRICAN LINGUISTICS. PREREQUISITE: LING. 200 OR 300, AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	49430	LECT-DISC	10	M W F	311 D H	STAHLKE
LING 325	INTRODUCTION TO PSYCHOLINGUISTICS. SAME AS COMM. 325. PREREQUISITE: AN INTRODUCTORY COURSE IN LINGUISTICS OR PSYCHOLOGY, AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	49447	LECT-DISC	2	M W F	327 G H	MACLAY
LING 330	INTRODUCTION TO FAR EASTERN LINGUISTICS. SAME AS CHIN., JAPAN. AND KOREAN 330. PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	49454	LECT-DISC	1030-12	TU TH	138 ADMIN	MAKINO
LING 351	AREA LINGUISTICS. PREREQUISITE: LING. 300. 3 HOURS OR 1 UNIT	49461	LECT-DISC	4	M W F	209A D H	LEHMAN
LING 370	LANGUAGE, CULTURE, AND SOCIETY. SAME AS COMM. AND ANTH. 370. 3 HOURS, OR 1/2 OR 1 UNIT	49479	LECT-DISC	1	M W F	209A D H	BRUKMAN
LING 375	SPEECH SCIENCE, I. SAME AS SPCH. 375. PREREQUISITE: SPCH. 109 OR 301, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT	49486	LECT-DISC	2	M W F	304 L H	STAFF
LING 380	INTRODUCTION TO SLAVIC LINGUISTICS. SAME AS SLAV. 380. PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	49493	LECT-DISC EF	1-215	TU TH	392 L H	DUNATOV
LING 382	INTRODUCTION TO SANSKRIT LINGUISTICS, I. PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	49504	LECT-DISC	9	M W F	312 D H	HOCK
LING 387	THE STRUCTURE OF ENGLISH. SAME AS ENGL. 387. 3 HOURS OR 3/4 UNIT	49511	LECT-DISC	3-5 3	TU TH	312 D H 312 D H	M GEIS M GEIS
LING 388	LINGUISTICS IN LANGUAGE LEARNING, I. SAME AS RHET. 388. PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE AND CONSENT OF INSTRUCTOR. 4 HOURS OR 3/4 UNIT	49529	LECT-DISC G	3	M W F	337 ARMORY	ASTON
LING 389	LINGUISTICS IN LANGUAGE LEARNING, II. SAME AS RHET. 389. PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR. 4 HOURS OR 3/4 UNIT	49536	LECT-DISC D	11	M W F	119 E B	ASTON

COURSES FOR GRADUATES

LING 403	SEMINAR IN LINGUISTIC ANALYSIS.						
	PREREQUISITE: LING. 401.						
	*MAY BE REPEATED FOR CREDIT WITH CONSENT OF INSTRUCTOR.						
	*1 UNIT						
	SECTION A TOPIC: INTRODUCTION TO COMPUTATIONAL LINGUISTICS.						
	SECTION B TOPIC: DIACHRONIC SYNTAX.						
	SECTION C TOPIC: HISTORICAL PHONOLOGY.						
	SECTION D TOPIC: LEXICOGRAPHY						
49551	LECT-DISC A	9-1030	TU TH	149	ADMIN	BENSON	
49568	LECT-DISC B	9-1030	TU TH	238	ADMIN	GREEN	
49575	LECT-DISC C	3-430	M F	113	D H	MILLER	
49543	LECT-DISC D	11-1230	TU TH	330	ARMORY	ZYGUSTA	
LING 404	PRACTICUM.						
	PREREQUISITE: LING. 401 AND 402.						
	1 UNIT						
49582	LECT-DISC	2-330	M W	94	COM W	M GEIS	
LING 405	SEMINAR IN STYLISTICS.						
	PREREQUISITE: LING. 300 OR 305, AND CONSENT OF INSTRUCTOR.						
	1 UNIT						
49590	LECT-DISC	3-5	TU	236	L H	N. KACHRU	
LING 409	FIELD METHODS IN LINGUISTICS.						
	SAME AS ANTH. 409.						
	PREREQUISITE: CREDIT OR ENROLLMENT IN LING. 401.						
	1 UNIT						
	*ONE ADDITIONAL HOUR TO BE ARRANGED.						
49601	LECT-DISC A	*11	M W F	209A	D H	LEHMAN	
49618	LECT-DISC B	*11	M W F	8	C A	STAHLKE	
LING 411	METHODS IN HISTORICAL LINGUISTICS.						
	PREREQUISITE: LING. 302 OR 315.						
	1 UNIT						
49625	LECT-DISC	2	M W F	1	G H	MILLER	
LING 419	CONTRASTIVE ANALYSIS.						
	SAME AS RHET. 419.						
	PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.						
	1/2 OR 1 UNIT						
49632	LECT-DISC	ARR				STAFF	
LING 425	PSYCHOLINGUISTICS.						
	SAME AS COMM. AND PSYCH. 425.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 UNIT						
49640	LECT	9-11	F	21	PSYCH BLDG		
LING 450	LINGUISTICS AND THE STUDY OF MEANING.						
	PREREQUISITE: LING. 300.						
	1 UNIT						
49657	LECT-DISC	4	M W F	148	ADMIN	YEGERLEHNER	
LING 462	INTRODUCTION TO ROMANCE LINGUISTICS.						
	SAME AS FR., SPAN., ITAL. AND PORT. 462.						
	1/2 UNIT						
49664	LECT-DISC	9	TU TH	230	L H	KAHANE	
LING 475	EXPERIMENTAL PHONETICS, I.						
	SAME AS SPCH. 475.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 UNIT						
49671	LECT-DISC	1-4	TU	330	I H		
LING 481	TOPICS IN SYNTACTIC THEORY.						
	PREREQUISITE: LING. 317 OR 387 OR 401, AND CONSENT OF INSTRUCTOR.						
	1 UNIT						
49689	LECT-DISC	1	M W F	400	E H	J MORGAN	

LING 482	TOPICS IN PHONOLOGICAL THEORY.								
	PREREQUISITE: LING. 402 OR EQUIVALENT.								
	1 UNIT								
49696	LECT-DISC	4	M	W	F	311	D	H	KISSEBERTH
LING 490	SPECIAL TOPICS IN LINGUISTICS.								
	1/2 TO 2 UNITS								
49707	CONF	ARR							STAFF
LING 499	THESIS RESEARCH.								
	0 TO 4 UNITS								
49714	CONF	ARR							STAFF

MATHEMATICS

DEPARTMENT OFFICE

273 A H

MAJOR IN MATHEMATICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND TWELVE HOURS IN COURSES CHOSEN FROM MATHEMATICS 314, 317, 318, 327, 328, 332, 333, 342, 347, 348, 349, 353, 354, 361, 364, 366, 387, 392. FOR STUDENTS PREPARING FOR GRADUATE STUDY IN MATHEMATICS, THE FOLLOWING COURSES ARE RECOMMENDED: MATHEMATICS 317, 318, 332, 347, 348. STUDENTS IN SPECIAL CURRICULA AND THOSE WHO DO NOT INTEND TO PURSUE MATHEMATICS PROFESSIONALLY SHOULD CONSULT WITH THEIR ADVISORS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ACCOUNTANCY, ASTRONOMY, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS, FINANCE, PHILOSOPHY, PHYSICS, PSYCHOLOGY, STATISTICS (MATHEMATICS 161, 361, 362, 363, 364, 375), SURVEYING, THEORETICAL AND APPLIED MECHANICS. DEPARTMENTAL HONORS: ENTERING STUDENTS WITH SUPERIOR MATHEMATICAL ABILITY SHOULD APPLY TO THE DEPARTMENT OF MATHEMATICS, 273 ALTGELD HALL, FOR INFORMATION REGARDING THE HONORS COURSE, MATHEMATICS 149. INFORMATION REGARDING REQUIREMENTS FOR GRADUATION WITH DISTINCTION IN MATHEMATICS IS AVAILABLE FROM THE ADVISING OFFICE, 269 ALTGELD HALL.

NOTE: AN ENTERING STUDENT WITH AN ADEQUATE PREPARATION IN HIGH SCHOOL MATHEMATICS SHOULD ENROLL IN ANALYTIC GEOMETRY (MATH. 122 OR 123) DURING THE FIRST SEMESTER, AND IN CALCULUS (MATH. 132 OR 133) DURING THE SECOND SEMESTER OF HIS FRESHMAN YEAR. ADMISSION TO ANALYTIC GEOMETRY NORMALLY REQUIRES A PASSING GRADE ON THE MATHEMATICS PLACEMENT TEST. A STUDENT INELIGIBLE FOR ANALYTIC GEOMETRY SHOULD ENROLL IN ALGEBRA (MATH. 111 OR 112) AND TRIGONOMETRY (MATH. 114) DURING HIS FIRST SEMESTER.

STUDENTS IN SPECIAL CURRICULA AND THOSE WHO INTEND TO TERMINATE THEIR STUDY OF MATHEMATICS WITH THE BACHELOR'S DEGREE SHOULD CONSULT THEIR ADVISERS REGARDING OTHER SELECTIONS FROM THE ABOVE LIST OF REQUIRED COURSES THAT WOULD RELATE TO THEIR SPECIAL INTERESTS.

MAJOR IN STATISTICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND THE FOLLOWING SPECIFIC COURSES: 315 OR 318, 347, 363, 364.

MINORS: TWENTY HOURS IN ONE SUBJECT APPROVED BY THE DEPARTMENT OF MATHEMATICS. OF THESE TWENTY HOURS NOT MORE THAN NINE MAY BE IN STATISTICAL METHODS, AND MATH. 161 MAY BE TAKEN AS THREE OF THESE HOURS. THE COURSES NOT EMPHASIZING STATISTICAL METHODS SHOULD BE CHOSEN SO THAT COURSES ON THE 400 LEVEL CAN BE TAKEN IF THE STUDENT ENTERS THE GRADUATE COLLEGE.

MAJOR IN ACTUARIAL SCIENCE

MAJOR: ONE YEAR OF CALCULUS AND AT LEAST FIVE COURSES CHOSEN FROM THE FOLLOWING: COMPUTER SCIENCE 101, MATHEMATICS 311, 312, 362, 363, 371, 372.

MINORS: TWENTY HOURS CHOSEN FROM THE FOLLOWING: FINANCE 258, 259, 260, 262, 270, 360, 363, 370.

NOTE: STUDENTS ARE URGED TO ELECT ACCY. 201 AND B. ADM. 261 IN THEIR JUNIOR YEAR.

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE DEPARTMENT OF MATHEMATICS UNDER THE CURRICULUM IN SCIENCES AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 123, 132, 142 (OR 133, 143), 341, 342, 317, 318, 347, 348 (OR 361).

FIRST MINOR: C. S. 101, 201, 387, AND ONE OF 294, 301, OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IT IS RECOMMENDED THAT THE ABOVE COURSES BE TAKEN IN THE FOLLOWING SEQUENCE:

FRESHMAN YEAR: FIRST SEMESTER, MATH. 123; SECOND SEMESTER, MATH. 132 (OR MATH. 133).

SOPHOMORE YEAR: FIRST SEMESTER, MATH. 142 (OR MATH. 143); SECOND SEMESTER, C. S. 101, MATH. 341.

JUNIOR YEAR: FIRST SEMESTER, MATH. 317, 342; SECOND

SEMESTER, C. S. 201 OR 301, MATH. 318.

SENIOR YEAR: FIRST SEMESTER, MATH. 347, ONE OF C. S. 294, 201, 301, 311; SECOND SEMESTER, C. S. 387, MATH. 348 OR 361.

NOTE: CERTAIN MATHEMATICS COURSES HAVE BEEN RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN ORDER TO SATISFY LISTED PREREQUISITES: OLD MATH. 122 AND 123 ARE NOW MATH. 120; OLD MATH. 132 IS NOW MATH. 130 AND 135; OLD MATH. 133 IS NOW MATH. 131; OLD MATH. 142 IS NOW MATH. 140 AND 145; OLD MATH. 143 IS NOT MATH. 141.

COURSES FOR UNDERGRADUATES

MATH 101 BASIC MATHEMATICS.

4 HOURS

49721	LECT-DISC	X1	12	MTUWTHF	259	A H
49739	LECT-DISC	F1	2	MTUWTHF	163	E E B
49746	LECT-DISC	G1	3	MTUWTHF	204	H H
49753	LECT-DISC	H1	4	MTUWTHF	145	A H

MATH 104 ELEMENTS OF ALGEBRA AND TRIGONOMETRY.

PREREQUISITE: HIGH SCHOOL ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT.

3 HOURS

49761	LECT-DISC	A1	8	M W F	102	A H
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MATH 111 ALGEBRA.

PREREQUISITE: ENTRANCE ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT.
STUDENTS HAVING 1-1/2 OR MORE UNITS OF HIGH SCHOOL ALGEBRA MAY NOT
TAKE THIS COURSE UNLESS THEY HAVE THE APPROVAL OF THEIR COLLEGE
OFFICE.

*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.

*5 HOURS

49778	LECT-DISC	A1	8	MTUWTHF	159	D H
49785	LECT-DISC	A2	8	MTUWTHF	110	A H
49792	LECT-DISC	A3	8	MTUWTHF	445	A H
49803	LECT-DISC	B1	9	MTUWTHF	159	D H
49811	LECT-DISC	C1	10	MTUWTHF	159	D H
49828	LECT-DISC	C2	10	MTUWTHF	56	M E B
49835	LECT-DISC	D1	11	MTUWTHF	159	D H
49842	LECT-DISC	X1	12	MTUWTHF	159	D H
49850	LECT-DISC	X2	12	MTUWTHF	247	A H
49867	LECT-DISC	E1	1	MTUWTHF	159	D H
49874	LECT-DISC	F1	2	MTUWTHF	159	D H
49881	LECT-DISC	F2	2	MTUWTHF	56	M E B
49899	LECT-DISC	G1	3	MTUWTHF	159	D H
49900	LECT-DISC	G2	3	MTUWTHF	56	M E B
49917	LECT-DISC	H1	4	MTUWTHF	159	D H
49924	LECT-DISC	H2	4	MTUWTHF	143	ADMIN

MATH 112 COLLEGE ALGEBRA.

PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, PLANE GEOMETRY,
1 UNIT.

*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.

*3 HOURS

49931	LECT-DISC	A1	8	M W F	313	D H
49949	LECT-DISC	A2	8	M W F	108	A H
49956	LECT-DISC	A3	8	M W F	56	M E B
49963	LECT-DISC	A4	8	M W F	321	A H
49971	LECT-DISC	A5	8	M W F	443	A H
49988	LECT-DISC	B1	9	M W F	313	D H
49995	LECT-DISC	B2	9	M W F	163	E E B
50001	LECT-DISC	C1	10	M W F	313	D H
50019	LECT-DISC	C2	10	M W F	204	H H
50026	LECT-DISC	C3	10	M W F	202	T B
50033	LECT-DISC	D1	11	M W F	313	D H
50041	LECT-DISC	D2	11	M W F	149	ADMIN
50058	LECT-DISC	D3	11	M W F	443	A H
50065	LECT-DISC	X1	12	M W F	313	D H
50072	LECT-DISC	X2	12	M W F	102	A H
50080	LECT-DISC	X3	12	M W F	321	A H
50097	LECT-DISC	E1	1	M W F	313	D H
50108	LECT-DISC	E2	1	M W F	56	M E B
50115	LECT-DISC	E3	1	M W F	204	H H
50122	LECT-DISC	F1	2	M W F	313	D H
50130	LECT-DISC	F2	2	M W F	60	M E B
50147	LECT-DISC	F3	2	M W F	347	A H
50154	LECT-DISC	G1	3	M W F	313	D H
50161	LECT-DISC	G2	3	M W F	110	L H
50179	LECT-DISC	H1	4	M W F	313	D H
50186	LECT-DISC	H2	4	M W F	149	ADMIN

MATH 114 PLANE TRIGONOMETRY.

PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, OR REGISTRATION IN
MATH. 111, PLANE GEOMETRY, 1 UNIT.

2 HOURS

50193	LECT-DISC	L1	8	TU TH	102	A H
50204	LECT-DISC	L2	8	TU TH	108	A H
50211	LECT-DISC	M1	9	TU TH	102	A H
50229	LECT-DISC	M2	9	TU TH	108	A H
50236	LECT-DISC	M3	9	TU TH	110	A H
50243	LECT-DISC	N1	10	TU TH	102	A H
50251	LECT-DISC	N2	10	TU TH	108	A H
50268	LECT-DISC	N3	10	TU TH	110	A H
50275	LECT-DISC	P1	11	TU TH	102	A H
50282	LECT-DISC	P2	11	TU TH	108	A H
50290	LECT-DISC	P3	11	TU TH	110	A H
50301	LECT-DISC	Q1	12	TU TH	102	A H
50318	LECT-DISC	R1	1	TU TH	102	A H
50325	LECT-DISC	R2	1	TU TH	108	A H
50332	LECT-DISC	R3	1	TU TH	110	A H
50340	LECT-DISC	S1	2	TU TH	102	A H
50357	LECT-DISC	S2	2	TU TH	108	A H
50364	LECT-DISC	T1	3	TU TH	102	A H
50371	LECT-DISC	T2	3	TU TH	108	A H
50389	LECT-DISC	U1	4	TU TH	102	A H

MATH 118 INTRODUCTION TO MATHEMATICS, I.
 PREREQUISITE: ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT, OR
 EQUIVALENT.
 *MATHEMATICS 118 INVOLVES DUPLICATION OF CREDIT WITH MATH. 104,
 111, 112, AND 114.
 *4 HOURS

50396	LECT-DISC	A1	8	MTUWTH	147	A H
50407	LECT-DISC	B1	9	MTUWTH	110	L H
50414	LECT-DISC	C1	10	MTUWTH	205	H H
50421	LECT-DISC	D1	11	MTUWTH	152	ADMIN
50439	LECT-DISC	X1	12	MTUWTH	108	A H
50446	LECT-DISC	E1	1	MTUWTH	443	A H
50453	LECT-DISC	F1	2	MTUWTH	204	H H
50461	LECT-DISC	G1	3	MTUWTH	184	L H
50478	LECT-DISC	H1	4	MTUWTH	152	ADMIN

MATH 119 INTRODUCTION TO MATHEMATICS, II.
 PREREQUISITE: MATH. 118.
 4 HOURS

50485	LECT-DISC	E1	1	MTUWTH	260	M E B
50492	LECT-DISC	F1	2	MTUWTH	165	A H

MATH 120 CALCULUS AND ANALYTIC GEOMETRY.
 PREREQUISITE: MATH. 111 OR 112, AND MATH. 114, OR ADEQUATE
 PLACEMENT TEST SCORE.
 5 HOURS

*SECTIONS &A1, &C1, &D1, &E1 ARE HONORS SECTIONS AND REQUIRE
 CONCURRENT REGISTRATION IN MATH. 149 SECTION &P.

51360	LECT-DISC	*&A1	8	MTUWTHF	259	A H
50503	LECT-DISC	A 2	8	MTUWTHF	43	E E B
50511	LECT-DISC	A 3	8	MTUWTHF	60	M E B
50528	LECT-DISC	A 4	8	MTUWTHF	138	M E B
50535	LECT-DISC	A 5	8	MTUWTHF	441	A H
50542	LECT-DISC	A 6	8	MTUWTHF	143	ADMIN
50550	LECT-DISC	A 7	8	MTUWTHF	204	H H
50567	LECT-DISC	A 8	8	MTUWTHF	163	E E B
50574	LECT-DISC	A 9	8	MTUWTHF	155	A H
50581	LECT-DISC	A10	8	MTUWTHF	149	ADMIN
50599	LECT-DISC	A11	8	MTUWTHF	202	T B
50600	LECT-DISC	A12	8	MTUWTHF	159	A H
50617	LECT-DISC	A13	8	MTUWTHF	153A	M E B
50624	LECT-DISC	B 1	9	MTUWTHF	169	A H
50631	LECT-DISC	B 2	9	MTUWTHF	343	A H
50649	LECT-DISC	B 3	9	MTUWTHF	152	ADMIN
50656	LECT-DISC	B 4	9	MTUWTHF	347	A H
50663	LECT-DISC	B 5	9	MTUWTHF	245	E E B
50671	LECT-DISC	B 6	9	MTUWTHF	202	T B
50688	LECT-DISC	B 7	9	MTUWTHF	60	M E B
50695	LECT-DISC	B 8	9	MTUWTHF	204	H H
50706	LECT-DISC	B 9	9	MTUWTHF	138	M E B
50713	LECT-DISC	B10	9	MTUWTHF	153A	M E B
51377	LECT-DISC	*&C1	10	MTUWTHF	441	A H
50721	LECT-DISC	C 2	10	MTUWTHF	184	L H
50738	LECT-DISC	C 3	10	MTUWTHF	163	E E B
50745	LECT-DISC	C 4	10	MTUWTHF	60	M E B
50752	LECT-DISC	C 5	10	MTUWTHF	152	ADMIN
50760	LECT-DISC	C 6	10	MTUWTHF	165	A H
50777	LECT-DISC	C 7	10	MTUWTHF	138	M E B
50784	LECT-DISC	C 8	10	MTUWTHF	443	A H
50791	LECT-DISC	C 9	10	MTUWTHF	153A	M E B
50802	LECT-DISC	C10	10	MTUWTHF	153B	M E B
51384	LECT-DISC	*&D1	11	MTUWTHF	165	A H
50810	LECT-DISC	D 2	11	MTUWTHF	447	A H
50827	LECT-DISC	D 3	11	MTUWTHF	43	E E B
50834	LECT-DISC	D 4	11	MTUWTHF	163	E E B
50841	LECT-DISC	D 5	11	MTUWTHF	168	E E B
50859	LECT-DISC	D 6	11	MTUWTHF	138	M E B
50866	LECT-DISC	D 7	11	MTUWTHF	153A	M E B
50873	LECT-DISC	D 8	11	MTUWTHF	153B	M E B
50881	LECT-DISC	D 9	11	MTUWTHF	256	M E B
50898	LECT-DISC	D10	11	MTUWTHF	260	M E B
50909	LECT-DISC	X 1	12	MTUWTHF	110	A H
50916	LECT-DISC	X 2	12	MTUWTHF	145	A H
50923	LECT-DISC	X 3	12	MTUWTHF	147	A H
50931	LECT-DISC	X 4	12	MTUWTHF	155	A H
50948	LECT-DISC	X 5	12	MTUWTHF	159	A H
50955	LECT-DISC	X 6	12	MTUWTHF	341	A H
50962	LECT-DISC	X 7	12	MTUWTHF	343	A H

STOLARSKY

ALEXANDER, S.

BATEMAN, F.

MATH 120 CONTINUED

50970	LECT-DISC	X 8	12	MTUWTHF	345	A H
50987	LECT-DISC	X 9	12	MTUWTHF	347	A H
50994	LECT-DISC	X10	12	MTUWTHF	441	A H
51391	LECT-DISC	*8E1	1	MTUWTHF	445	A H
51007	LECT-DISC	E 2	1	MTUWTHF	155	A H
51014	LECT-DISC	E 3	1	MTUWTHF	159	A H
51021	LECT-DISC	E 4	1	MTUWTHF	184	L H
51039	LECT-DISC	E 5	1	MTUWTHF	60	M E B
51046	LECT-DISC	E 6	1	MTUWTHF	138	M E B
51053	LECT-DISC	E 7	1	MTUWTHF	153A	M E B
51061	LECT-DISC	E 8	1	MTUWTHF	163	E E B
51078	LECT-DISC	E 9	1	MTUWTHF	168	E E B
51085	LECT-DISC	E10	1	MTUWTHF	245	E E B
51092	LECT-DISC	F 1	2	MTUWTHF	138	M E B
51103	LECT-DISC	F 2	2	MTUWTHF	153A	M E B
51111	LECT-DISC	F 3	2	MTUWTHF	153B	M E B
51128	LECT-DISC	F 4	2	MTUWTHF	168	E E B
51135	LECT-DISC	F 5	2	MTUWTHF	205	H H
51142	LECT-DISC	F 6	2	MTUWTHF	169	A H
51150	LECT-DISC	F 7	2	MTUWTHF	441	A H
51167	LECT-DISC	F 8	2	MTUWTHF	443	A H
51174	LECT-DISC	F 9	2	MTUWTHF	238	ADMIN
51181	LECT-DISC	G 1	3	MTUWTHF	163	E E B
51199	LECT-DISC	G 2	3	MTUWTHF	168	E E B
51200	LECT-DISC	G 3	3	MTUWTHF	60	M E B
51217	LECT-DISC	G 4	3	MTUWTHF	138	M E B
51224	LECT-DISC	G 5	3	MTUWTHF	153A	M E B
51231	LECT-DISC	G 6	3	MTUWTHF	165	A H
51249	LECT-DISC	G 7	3	MTUWTHF	156	ADMIN
51256	LECT-DISC	G 8	3	MTUWTHF	447	A H
51263	LECT-DISC	G 9	3	MTUWTHF	153B	M E B
51271	LECT-DISC	H 1	4	MTUWTHF	147	A H
51288	LECT-DISC	H 2	4	MTUWTHF	155	A H
51295	LECT-DISC	H 3	4	MTUWTHF	441	A H
51306	LECT-DISC	H 4	4	MTUWTHF	443	A H
51313	LECT-DISC	H 5	4	MTUWTHF	156	ADMIN
51321	LECT-DISC	H 6	4	MTUWTHF	184	L H
51338	LECT-DISC	H 7	4	MTUWTHF	204	H H
51345	LECT-DISC	H 8	4	MTUWTHF	43	E E B
51352	LECT-DISC	H 9	4	MTUWTHF	159	A H

MATH 124 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, I.

PREREQUISITE: MATH. 111 OR 112.

3 HOURS

51402	LECT-DISC	A1	8	M W F	106	D K H
51410	LECT-DISC	A2	8	M W F	184	L H
51427	LECT-DISC	A3	8	M W F	341	A H
51434	LECT-DISC	B1	9	M W F	106	D K H
51441	LECT-DISC	B2	9	M W F	184	L H
51459	LECT-DISC	B3	9	M W F	238	ADMIN
51466	LECT-DISC	C1	10	M W F	106	D K H
51473	LECT-DISC	C2	10	M W F	110	L H
51481	LECT-DISC	C3	10	M W F	445	A H
51498	LECT-DISC	D1	11	M W F	106	D K H
51509	LECT-DISC	D2	11	M W F	110	L H
51516	LECT-DISC	X1	12	M W F	143	ADMIN
51523	LECT-DISC	X2	12	M W F	149	ADMIN
51531	LECT-DISC	X3	12	M W F	443	A H
51548	LECT-DISC	E1	1	M W F	106	D K H
51555	LECT-DISC	E2	1	M W F	156	ADMIN
51562	LECT-DISC	F1	2	M W F	106	D K H
51570	LECT-DISC	F2	2	M W F	184	L H
51587	LECT-DISC	G1	3	M W F	106	D K H
51594	LECT-DISC	G2	3	M W F	205	H H
51605	LECT-DISC	H1	4	M W F	106	D K H
51612	LECT-DISC	H2	4	M W F	238	ADMIN

MATH 130 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 120.

5 HOURS

51620	LECT-DISC	A1	8	MTUWTHF	165	A H
51637	LECT-DISC	A2	8	MTUWTHF	153B	M E B
51644	LECT-DISC	B1	9	MTUWTHF	445	A H
51651	LECT-DISC	C1	10	MTUWTHF	168	E E B
51669	LECT-DISC	C2	10	MTUWTHF	169	A H
51676	LECT-DISC	D1	11	MTUWTHF	202	T B
51683	LECT-DISC	X1	12	MTUWTHF	165	A H
51691	LECT-DISC	X2	12	MTUWTHF	445	A H
51701	LECT-DISC	E1	1	MTUWTHF	165	M H
51719	LECT-DISC	E2	1	MTUWTHF	153B	M E B
51726	LECT-DISC	F1	2	MTUWTHF	173	A H
51733	LECT-DISC	F2	2	MTUWTHF	256	M E B
51741	LECT-DISC	G1	3	MTUWTHF	256	M E B
51758	LECT-DISC	H1	4	MTUWTHF	165	A H

MATH 131 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 120.

3 HOURS

51765	LECT-DISC	A1	8	M W F	343	A H
51772	LECT-DISC	D1	11	M W F	238	ADMIN
51780	LECT-DISC	X1	12	M W F	169	A H
51797	LECT-DISC	E1	1	M W F	256	M E B

MATH 134 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, II.

PREREQUISITE: MATH. 124.

4 HOURS

51808	LECT-DISC	A1	8	MTUWTH	205	G H
51815	LECT-DISC	B1	9	MTUWTH	205	G H
51822	LECT-DISC	C1	10	MTUWTH	205	G H
51830	LECT-DISC	D1	11	MTUWTH	205	G H
51847	LECT-DISC	X1	12	MTUWTH	205	G H
51854	LECT-DISC	E1	1	MTUWTH	205	G H
51861	LECT-DISC	F1	2	MTUWTH	205	G H
51879	LECT-DISC	G1	3	MTUWTH	205	G H
51886	LECT-DISC	H1	4	MTUWTH	205	G H

MATH 135 CALCULUS.

PREREQUISITE: STUDENTS MUST HAVE COMPLETED A THOROUGH COLLEGE LEVEL COURSE IN PLANE AND SOLID ANALYTIC GEOMETRY, OR THE EQUIVALENT.

5 HOURS

SECTIONS &A1 AND &D1 ARE HONORS SECTIONS REQUIRING CONCURRENT REGISTRATION IN MATH. 149 SECTION &Q.

*SECTION E1 HAS TWO ADDITIONAL HOURS TO BE ARRANGED.

51968	LECT-DISC	&A1	8	MTUWTHF	169	A H	FRASCELLA
51893	LECT-DISC	A2	8	MTUWTHF	152	ADMIN	
51904	LECT-DISC	B1	9	MTUWTHF	153B	M E B	
51911	LECT-DISC	C1	10	MTUWTHF	447	A H	
51975	LECT-DISC	&D1	11	MTUWTHF	445	A H	ROTHMAN
51929	LECT-DISC	D2	11	MTUWTHF	205	H H	
51936	LECT-DISC	X1	12	MTUWTHF	257	A H	
51951	LECT-DISC	*E1	1	M W F	314	A H	CHANLER
51943	LECT-DISC	G1	3	MTUWTHF	169	A H	

MATH 141 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 131.

5 HOURS

51982	LECT-DISC	A1	8	MTUWTHF	173	A H
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MATH 142 CALCULUS, II.

PREREQUISITE: MATH. 132.

3 HOURS

*SECTIONS &A1 AND &D1 ARE HONORS SECTIONS REQUIRING CONCURRENT REGISTRATION IN MATH. 149 SECTION &R.

52244	LECT-DISC	*&A1	8	M W F	345	A H	WEINBERG
51990	LECT-DISC	A2	8	M W F	205	H H	
52002	LECT-DISC	A3	8	M W F	168	E E B	
52010	LECT-DISC	A4	8	M W F	156	ADMIN	
52027	LECT-DISC	A5	8	M W F	256	M E B	
52034	LECT-DISC	B1	9	M W F	173	A H	
52041	LECT-DISC	B2	9	M W F	205	H H	
52059	LECT-DISC	B3	9	M W F	256	M E B	
52066	LECT-DISC	C1	10	M W F	156	ADMIN	

MATH 142 CONTINUED

52073	LECT-DISC	C2	10	M W F	256	M E B
52251	LECT-DISC	*E01	11	M W F	173	A H
52081	LECT-DISC	D2	11	M W F	204	H H
52098	LECT-DISC	D3	11	M W F	60	M E B
52109	LECT-DISC	X1	12	M W F	173	A H
52116	LECT-DISC	X2	12	M W F	447	A H
52123	LECT-DISC	X3	12	M W F	152	ADMIN
52131	LECT-DISC	E1	1	M W F	169	A H
52148	LECT-DISC	E2	1	M W F	447	A H
52155	LECT-DISC	E3	1	M W F	205	H H
52162	LECT-DISC	F1	2	M W F	445	A H
52170	LECT-DISC	F2	2	M W F	245	E E B
52187	LECT-DISC	F3	2	M W F	260	M E B
52194	LECT-DISC	G1	3	M W F	173	A H
52205	LECT-DISC	G2	3	M W F	245	E E B
52212	LECT-DISC	G3	3	M W F	102	A H
52220	LECT-DISC	H1	4	M W F	169	A H
52237	LECT-DISC	H2	4	M W F	445	A H

APPEL

MATH 143 CALCULUS, II.

PREREQUISITE: MATH. 133.

5 HOURS

*SECTION B1 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.

SECTIONS E01 AND E01 ARE HONORS SECTIONS AND REQUIRE CONCURRENT REGISTRATION IN MATH. 149 &S.

*SECTIONS X1 AND F1 WILL HAVE TWO ADDITIONAL HOURS TO BE ARRANGED.

52269	LECT-DISC	A1	8	MTUWTHF	347	A H
52276	LECT-DISC	A2	8	MTUWTHF	238	ADMIN
52283	LECT-DISC	A3	8	MTUWTHF	245	E E B
52380	LECT-DISC	*B1	9	MTUWTHF	156	ADMIN
52291	LECT-DISC	B2	9	MTUWTHF	260	M E B
52415	LECT-DISC	E01	10	MTUWTHF	173	A H
52301	LECT-DISC	C2	10	MTUWTHF	260	M E B
52319	LECT-DISC	D1	11	MTUWTHF	169	A H
52326	LECT-DISC	D2	11	MTUWTHF	56	M E B
52397	LECT-DISC	*X1	12	M W F	314	A H
52422	LECT-DISC	E01	1	MTUWTHF	173	A H
52333	LECT-DISC	E2	1	MTUWTHF	238	ADMIN
52408	LECT-DISC	*F1	2	M W F	314	A H
52341	LECT-DISC	G1	3	MTUWTHF	238	ADMIN
52358	LECT-DISC	G2	3	MTUWTHF	260	M E B
52365	LECT-DISC	H1	4	MTUWTHF	173	A H
52372	LECT-DISC	H2	4	MTUWTHF	447	A H

UHL

SCHUBERT

DOOB

MATH 149 HONORS COURSE IN MATHEMATICS.

ENROLLMENT LIMITED TO STUDENTS WITH SUPERIOR MATHEMATICAL TALENTS.

PREREQUISITE: REGISTRATION IN AN HONORS SECTION OF MATH. 120, 130, 131, 140, OR 141; CONSENT OF THE DEPARTMENT.

1 HOUR

*SECTION E01 REQUIRES CONCURRENT REGISTRATION IN MATH. 120 &A1, &C1, &D1 OR &E1.

*SECTION E02 REQUIRES CONCURRENT REGISTRATION IN MATH. 135 &A1 OR &D1.

*SECTION E03 REQUIRES CONCURRENT REGISTRATION IN MATH 142 &A1 OR &D1

*SECTION E04 REQUIRES CONCURRENT REGISTRATION IN MATH 143 &C1 OR &E1

52430	LECT-DISC	*E01	ARR			
52447	LECT-DISC	*E02	ARR			
52454	LECT-DISC	*E03	ARR			
52461	LECT-DISC	*E04	ARR			

MATH 161 STATISTICS.

PREREQUISITE: MATH. 111 OR 112, SOPHOMORE STANDING.

*CREDIT IS NOT GIVEN FOR MATH. 161 IN ADDITION TO ECON. 171 OR PSYCH. 135.

*3 HOURS

STUDENTS WHO HAVE COMPLETED A YEAR OF CALCULUS SHOULD ENROLL IN

MATH 363 INSTEAD OF MATH 161.

52479	LECT-DISC	B1	9	M W F	165	A H
52486	LECT-DISC	D1	11	M W F	156	ADMIN

COURSES FOR ADVANCED UNDERGRADUATES

MATH 202 MATHEMATICS FOR ELEMENTARY TEACHERS, I.
 PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION.
 *NO CREDIT FOR L. A. AND S. STUDENTS.
 *5 HOURS

52493	LECT-DISC	E1	1	MTUWTHF	110	L H	
52504	LECT-DISC	E2	1	MTUWTHF	143	ADMIN	
52511	LECT-DISC	F1	2	MTUWTHF	110	L H	PHILLIPS
52529	LECT-DISC	H1	4	MTUWTHF	110	L H	

MATH 203 MATHEMATICS FOR ELEMENTARY TEACHERS, II.
 PREREQUISITE: MATH. 202 OR CONSENT OF INSTRUCTOR.
 *NO CREDIT FOR L. A. AND S. STUDENTS.
 *3 HOURS

52536	LECT-DISC	E1	1	M W F	149	ADMIN	PHILLIPS
52543	LECT-DISC	F1	2	M W F	143	ADMIN	

MATH 249 HONORS COURSE IN MATHEMATICS.
 PREREQUISITE: CONCURRENT REGISTRATION IN DESIGNATED HONORS SECTIONS OF CERTAIN ADVANCED UNDERGRADUATE MATHEMATICS COURSES.
 1 HOUR

- *SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 317 &F1.
- *SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 347 &D1.
- *SECTION &R REQUIRES CONCURRENT REGISTRATION IN MATH. 349 &E1.

52551	LECT-DISC	*&P	ARR				
52568	LECT-DISC	*&Q	ARR				
52575	LECT-DISC	*&R	ARR				

MATH 263 STATISTICS IN ENGINEERING AND THE PHYSICAL SCIENCES.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
 3 HOURS

52582	LECT-DISC	B1	9	M W F	168	E E B	
52590	LECT-DISC	C1	10	M W F	43	E E B	
52601	LECT-DISC	G1	3	M W F	321	A H	

MATH 287 INTRODUCTION TO NUMERICAL ANALYSIS.
 SAME AS C. S. 287.
 PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, CONSENT OF INSTRUCTOR.
 3 HOURS

52618	LECT-DISC	M1	9-1030	TU TH	305	E H	GILLIES
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MATH 291 THESIS AND READING COURSE.
 PREREQUISITE: MATH. 347 WITH GRADE OF B OR BETTER, OR CONSENT OF MATHEMATICS HONORS COMMITTEE.
 2 HOURS

52625	CONF		ARR				
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MATH 300 THE THEORY OF SETS AND THE REAL NUMBER SYSTEM.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT

52632	LECT-DISC	C1	10	M W F	102	A H	
52640	LECT-DISC	E1	1	M W F	345	A H	TAKEUTI BOONE

MATH 302 TOPICS IN GEOMETRY.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT

52657	LECT-DISC	C1	10	M W F	108	A H	
52664	LECT-DISC	F1	2	M W F	345	A H	

MATH 303 ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT

52671	LECT-DISC	D1	11	M W F	110	A H	
52689	LECT-DISC	G1	3	M W F	343	A H	

MATH 305 TEACHERS COURSE.
MEETS FIRST SIX WEEKS AND LAST FOUR WEEKS OF SEMESTER.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
52696 LECT-DISC D1 11 MTUWTHF 184 L H

MATH 306 SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, I.
PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
52707 LECT-DISC D1 11 M W F 321 A H
52714 LECT-DISC K 730-9PM TU TH 241 A H

MATH 311 ADVANCED ALGEBRA.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT
52721 LECT-DISC B1 9 M W F 147 A H

MATH 314 INTRODUCTION TO SET THEORY AND MATHEMATICAL LOGIC.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT
52739 LECT-DISC F1 2 M W F 108 A H SCHUPP

MATH 315 LINEAR TRANSFORMATIONS AND MATRICES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT
*SECTION A2 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.
52746 LECT-DISC A1 8 M W F 241 A H
52803 LECT-DISC *A2 8 M W F 110 L H
52753 LECT-DISC C1 10 M W F 110 A H
52761 LECT-DISC C2 10 M W F 238 ADMIN
52778 LECT-DISC N1 1030-12 TU TH 145 A H
52785 LECT-DISC X1 12 M W F 241 A H
52792 LECT-DISC G1 3 M W F 345 A H

MATH 317 INTRODUCTION TO HIGHER ALGEBRA, I.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT
*SECTION 6F1 IS AN HONORS SECTION REQUIRING CONCURRENT REGISTRATION IN MATH. 249 & P. ADMISSION IS BASED ON PREVIOUS MATHEMATICS INSTRUCTOR'S RECOMMENDATION AND LIMITED TO UNDERGRADUATES ONLY.
52811 LECT-DISC A1 8 M W F 243 A H
52828 LECT-DISC B1 9 M W F 321 A H
52835 LECT-DISC C1 10 M W F 343 A H
52874 LECT-DISC *6F1 2 M W F 259 A H D ROBINSON
52842 LECT-DISC G1 3 M W F 110 A H
52850 LECT-DISC H1 4 M W F 321 A H
52867 LECT-DISC N1 1030-12 TU TH 147 A H

MATH 318 INTRODUCTION TO HIGHER ALGEBRA, II.
PREREQUISITE: MATH. 317.
3 HOURS OR 1 UNIT
*SECTION D1 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.
52881 LECT-DISC A1 8 M W F 245 A H
52899 LECT-DISC C1 10 M W F 145 A H
52949 LECT-DISC *D1 11 M W F 143 ADMIN BRAUNFELD
52900 LECT-DISC E1 1 M W F 347 A H
52917 LECT-DISC G1 3 M W F 347 A H
52924 LECT-DISC H1 4 M W F 108 A H
52931 LECT-DISC S1 2-330 TU TH 110 A H

MATH 323 THE ELEMENTS OF GEOMETRY AND TOPOLOGY, I.
PREREQUISITE: MATH. 343.
3 HOURS OR 1 UNIT
52956 LECT-DISC G1 3 M W F 145 A H TONDEUR

MATH 324 ELEMENTS OF GEOMETRY AND TOPOLOGY, II.
PREREQUISITE: MATH. 323.
3 HOURS OR 1 UNIT
52963 LECT-DISC B1 9 M W F 143 ADMIN JERRARD

MATH 327	INTRODUCTION TO PROJECTIVE GEOMETRY, I.										
	PREREQUISITE: MATH. 315 OR CONSENT OF INSTRUCTOR.										
	3 HOURS OR 1 UNIT										
	*SECTION C1 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 315.										
	*SECTION E1 CONSIDERS INTRODUCTION TO ALGEBRAIC CURVES.										
52971	LECT-DISC	*C1	10	M	W	F	345	A	H	R ALEXANDER BABAKHANIAN	
52988	LECT-DISC	*E1	1	M	W	F	102	A	H		
MATH 332	INTRODUCTION TO SET THEORY AND TOPOLOGY.										
	PREREQUISITE: CREDIT OR REGISTRATION IN MATH. 347.										
	3 HOURS OR 1 UNIT										
52995	LECT-DISC	C1	10	M	W	F	147	A	H	Craggs	
MATH 341	DIFFERENTIAL EQUATIONS, I.										
	PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.										
	3 HOURS OR 1 UNIT										
53008	LECT-DISC	F1	2	M	W	F	321	A	H		
53015	LECT-DISC	F2	2	M	W	F	110	A	H		
53022	LECT-DISC	G1	3	M	W	F	441	A	H		
53030	LECT-DISC	G2	3	M	W	F	147	A	H		
MATH 342	DIFFERENTIAL EQUATIONS, II.										
	PREREQUISITE: MATH. 341.										
	3 HOURS OR 1 UNIT										
53047	LECT-DISC	F1	2	M	W	F	341	A	H	KNIGHT	
53054	LECT-DISC	F2	2	M	W	F	147	A	H		
53061	LECT-DISC	G1	3	M	W	F	443	A	H		
53079	LECT-DISC	H1	4	M	W	F	110	A	H		
MATH 343	ADVANCED CALCULUS.										
	PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.										
	3 HOURS OR 1 UNIT										
	*SECTION F1 IS RESTRICTED TO STUDENTS IN THE TEACHER TRAINING CURRICULUM IN MATHEMATICS.										
53086	LECT-DISC	A1	8	M	W	F	247	A	H		
53093	LECT-DISC	A2	8	M	W	F	447	A	H		
53104	LECT-DISC	B1	9	M	W	F	447	A	H		
53111	LECT-DISC	C1	10	M	W	F	314	A	H		
53129	LECT-DISC	D1	11	M	W	F	155	A	H	PETERS	
53136	LECT-DISC	X1	12	M	W	F	243	A	H		
53143	LECT-DISC	E1	1	M	W	F	321	A	H		
53182	LECT-DISC	*F1	2	M	W	F	149	ADMIN			
53151	LECT-DISC	F2	2	M	W	F	343	A	H		
53168	LECT-DISC	G1	3	M	W	F	143	ADMIN		BERNDT	
53175	LECT-DISC	H1	4	M	W	F	341	A	H		
MATH 345	DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.										
	PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.										
	*CREDIT IS NOT GIVEN FOR BOTH MATH. 345 AND MATH. 349.										
	*3 HOURS OR 1 UNIT										
53190	LECT-DISC	A1	8	M	W	F	314	A	H	LANGEBARTEL	
53201	LECT-DISC	B1	9	M	W	F	43	E	E		
53218	LECT-DISC	B2	9	M	W	F	56	M	E	B	
53225	LECT-DISC	C1	10	M	W	F	155	A	H		
53232	LECT-DISC	D1	11	M	W	F	347	A	H	RUBEL	
53240	LECT-DISC	X1	12	M	W	F	245	A	H	SCOTT	
53257	LECT-DISC	E1	1	M	W	F	43	E	E	B	
53264	LECT-DISC	F1	2	M	W	F	43	E	E		
53271	LECT-DISC	G1	3	M	W	F	155	A	H	FOSSUM BISHOP	
53289	LECT-DISC	M1	9-1030	TU	TH		155	A	H		
53296	LECT-DISC	N1	1030-12	TU	TH		159	A	H		
MATH 346	COMPLEX VARIABLES AND APPLICATIONS.										
	PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.										
	*CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND MATH. 348.										
	*3 HOURS OR 1 UNIT										
53307	LECT-DISC	A1	8	M	W	F	257	A	H		
53314	LECT-DISC	D1	11	M	W	F	441	A	H		
53321	LECT-DISC	E1	1	M	W	F	108	A	H		
53339	LECT-DISC	H1	4	M	W	F	343	A	H		

MATH 347 INTRODUCTION TO HIGHER ANALYSIS--REAL VARIABLES.
 PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 *SECTION &D1 IS AN HONORS SECTION REQUIRING CONCURRENT
 REGISTRATION IN MATH. 249 SECTION &Q.
 *SECTION B1 IS RESTRICTED TO ACADEMIC YEAR INSTITUTE STUDENTS.

53403	LECT-DISC *B1	9	M W F	149	ADMIN	ZARING
53346	LECT-DISC M1	9-1030	TU TH	257	A H	
53353	LECT-DISC C1	10	M W F	347	A H	
53392	LECT-DISC *&D1	11	M W F	159	A H	DIAMOND
53361	LECT-DISC E1	1	M W F	110	A H	
53378	LECT-DISC G1	3	M W F	445	A H	
53385	LECT-DISC H1	4	M W F	345	A H	

MATH 348 INTRODUCTION TO HIGHER ANALYSIS--COMPLEX VARIABLES.
 PREREQUISITE: MATH. 347.
 *CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND 348.
 *3 HOURS OR 1 UNIT

53411	LECT-DISC B1	9	M W F	345	A H	
53428	LECT-DISC D1	11	M W F	345	A H	

MATH 349 DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.
 PREREQUISITE: COMPLETION OF MATH. 347 WITH A GRADE OF B OR HIGHER,
 AND, FOR UNDERGRADUATES, CONCURRENT REGISTRATION IN MATH. 249.
 *CREDIT IS NOT GIVEN FOR BOTH MATH. 349 AND MATH. 345.
 *3 HOURS OR 1 UNIT
 SECTION &E1 IS AN HONORS SECTION AND REQUIRES CONCURRENT
 REGISTRATION IN MATH. 249 &R.

53435	LECT-DISC &E1	1	M W F	145	A H	BERNDT
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MATH 351 TOPICS IN APPLIED MATHEMATICS.
 PREREQUISITE: MATH. 301 AND CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 *SECTION S1 CONSIDERS DYNAMIC PROGRAMMING.

53442	LECT-DISC *S1	2-330	TU TH	145	A H	BROWN
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MATH 352 MULTIVARIATE REAL ANALYSIS.
 PREREQUISITE: MATH. 347.
 3 HOURS OR 1 UNIT

53450	LECT-DISC G1	3	M W F	159	A H	BARTLE
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MATH 353 ELEMENTARY THEORY OF NUMBERS, I.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
 3 HOURS OR 1 UNIT

53467	LECT-DISC C1	10	M W F	143	ADMIN	
53474	LECT-DISC E1	1	M W F	441	A H	

MATH 354 ELEMENTARY THEORY OF NUMBERS, II.
 PREREQUISITE: MATH. 317 OR 353.
 3 HOURS OR 1 UNIT

53481	LECT-DISC E1	1	M W F	152	ADMIN	
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MATH 361 THEORY OF PROBABILITY, I.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
 3 HOURS OR 1 UNIT

53499	LECT-DISC F1	2	M W F	155	A H	RUBEL
53500	LECT-DISC G1	3	M W F	149	ADMIN	J. C. TAYLOR
53517	LECT-DISC H1	4	M W F	347	A H	AHLWEDE

MATH 362 FINITE DIFFERENCES.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
 3 HOURS OR 1 UNIT

53524	LECT-DISC F1	2	M W F	152	ADMIN	PETERS
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MATH 363 ADVANCED STATISTICS, I.
 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
 3 HOURS OR 1 UNIT
 *SECTION F1 IS FOR STUDENTS IN BUSINESS AND SOCIAL SCIENCE.

53531	LECT-DISC B1	9	M W F	159	A H	BLYTH
53556	LECT-DISC *F1	2	M W F	159	A H	BLYTH
53549	LECT-DISC G1	3	M W F	43	E E B	

MATH 364	ADVANCED STATISTICS, II.								
	PREREQUISITE: MATH. 363.								
	3 HOURS OR 1 UNIT								
53563	LECT-DISC	B1	9	M	W	F	241	A	WIJSMAN
MATH 365	ANALYSIS OF VARIANCE.								
	PREREQUISITE: CREDIT OR CONCURRENT REGISTRATION IN MATH. 364 AND 315.								
	3 HOURS OR 1 UNIT								
53571	LECT-DISC	A1	8	M	W	F	260	M E B	STOUT
MATH 366	THEORY OF PROBABILITY.								
	PREREQUISITE: MATH. 361 OR 363.								
	3 HOURS OR 1 UNIT								
53588	LECT-DISC	E1	1	M	W	F	147	A	KNIGHT
MATH 381	VECTOR AND TENSOR ANALYSIS.								
	PREREQUISITE: MATH. 343 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.								
	3 HOURS OR 1 UNIT								
53595	LECT-DISC	C1	10	M	W	F	149	ADMIN	FRANCIS
MATH 383	LINEAR PROGRAMMING.								
	PREREQUISITE: ONE YEAR OF CALCULUS.								
	3 HOURS OR 1 UNIT								
53606	LECT-DISC	B1	9	M	W	F	441	A	H
MATH 387	NUMERICAL ANALYSIS.								
	SAME AS C. S. 387.								
	PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR.								
	3 HOURS OR 1 UNIT								
53613	LECT-DISC	F1	2	M	W	F	156	ADMIN	PHILLIPS
MATH 388	MATHEMATICAL METHODS IN ENGINEERING AND SCIENCE.								
	PREREQUISITE: MATH. 343.								
	3 HOURS OR 1 UNIT								
	*SECTION R1 CONSIDERS APPLIED STATISTICS.								
53621	LECT-DISC	A1	8	M	W	F	145	A	H
53638	LECT-DISC	B1	9	M	W	F	443	A	H
53645	LECT-DISC	*R1	1-4	TU			147	A	BOHRER
MATH 391	BOOLEAN ALGEBRA AND SWITCHING THEORY.								
	SAME AS C. S. AND E. E. 391.								
	PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
53652	LECT-DISC	C1	10	M	W	F	245	E E B	MUROGA
53660	LECT-DISC	D1	11	M	W	F	245	E E B	MULLER
MATH 392	INTRODUCTION TO AUTOMATA THEORY.								
	SAME AS C. S. AND E. E. 392.								
	PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.								
	3 HOURS, OR 1/2 OR 1 UNIT								
53677	LECT-DISC	N1	1030-12	TU	TH		156	ADMIN	HOHN
COURSES FOR GRADUATES									
MATH 400	GENERAL SEMINAR.								
	0 CREDIT								
53684	LECT-DISC	U1	4	TU	TH		314	A	BATEMAN
MATH 401	SECOND COURSE IN ABSTRACT ALGEBRA, I.								
	PREREQUISITE: MATH. 317 AND 318.								
	1 UNIT								
53691	LECT-DISC	D1	11	M	W	F	247	A	PALEY
53702	LECT-DISC	F1	2	M	W	F	241	A	DORNHOF
53710	LECT-DISC	G1	3	M	W	F	241	A	H
MATH 402	SECOND COURSE IN ABSTRACT ALGEBRA, II.								
	PREREQUISITE: MATH. 401.								
	1 UNIT								
53727	LECT-DISC	G1	3	M	W	F	243	A	BABAKHANIAN

MATH	405	ALGEBRAIC NUMBER THEORY.								
		PREREQUISITE: MATH. 401 AND 402 OR EQUIVALENT.								
		1 UNIT								
	53734	LECT-DISC	E1	1	M	W	F	243	A	H
										JANUSZ
MATH	406	HOMOLOGICAL ALGEBRA.								
		PREREQUISITE: MATH. 402 OR EQUIVALENT.								
		1 UNIT								
	53741	LECT-DISC	G1	3	M	W	F	245	A	H
MATH	407	GROUP REPRESENTATION THEORY.								
		PREREQUISITE: MATH. 401, 402 OR EQUIVALENT.								
		1 UNIT								
	53759	LECT-DISC	H1	4	M	W	F	241	A	H
										WALTER
MATH	410	LOGICAL FOUNDATIONS OF MATHEMATICS, I.								
		PREREQUISITE: MATH. 314 OR 317 OR 347 OR PHIL. 333 OR								
		CONSENT OF INSTRUCTOR.								
		1 UNIT								
	53766	LECT-DISC	C1	10	M	W	F	321	A	H
										APPEL
MATH	411	LOGICAL FOUNDATIONS OF MATHEMATICS, II.								
		PREREQUISITE: MATH. 410.								
		1 UNIT								
	53773	LECT-DISC	C1	10	M	W	F	241	A	H
										JOCKUSCH
MATH	412	RECURSIVE FUNCTION THEORY.								
		PREREQUISITE: MATH. 410 OR CONSENT OF INSTRUCTOR.								
		1 UNIT								
	53781	LECT-DISC	C1	10	M	W	F	243	A	H
										BOONE
MATH	413	SET THEORY.								
		PREREQUISITE: MATH. 410.								
		1 UNIT								
	53798	LECT-DISC	F1	2	M	W	F	243	A	H
										ZARING
MATH	416	ADVANCED TOPICS IN ABSTRACT ALGEBRA.								
		PREREQUISITE: CONSENT OF INSTRUCTOR.								
		1 UNIT								
		*SECTION B1 CONSIDERS UNIVERSAL ALGEBRA.								
		*SECTION B2 CONSIDERS RECURSIVE FUNCTION THEORY II.								
		*SECTION C1 CONSIDERS GEOMETRIC ALGEBRA.								
		*SECTION D1 CONSIDERS PROOF THEORY.								
		*SECTION F1 CONSIDERS CLASS FIELD THEORY.								
		*SECTION G1 CONSIDERS CATEGORY THEORY.								
		*SECTION G2 CONSIDERS COMBINATORIAL GROUP THEORY WITH APPLICATION								
		TO WORD PROBLEMS.								
		*SECTION H1 CONSIDERS MODEL THEORY.								
		*SECTION H2: TO BE ANNOUNCED.								
		*SECTION N1 CONSIDERS GRAPH THEORY.								
		*SECTION Q1 CONSIDERS LIE ALGEBRAS.								
	53809	LECT-DISC	*B1	9	M	W	F	243	A	H
	53816	LECT-DISC	*B2	9	M	W	F	245	A	H
	53823	LECT-DISC	*C1	10	M	W	F	257	A	H
	53831	LECT-DISC	*D1	11	M	W	F	257	A	H
	53848	LECT-DISC	*F1	2	M	W	F	257	A	H
	53855	LECT-DISC	*G1	3	M	W	F	257	A	H
	53862	LECT-DISC	*G2	3	M	W	F	341	A	H
	53870	LECT-DISC	*H1	9-1030	TU	TH		345	A	H
	53887	LECT-DISC	*H2	4	M	W	F	257	A	H
	53894	LECT-DISC	*N1	1030-12	TU	TH		341	A	H
	53905	LECT-DISC	*Q1	1230-2	TU	TH		447	A	H
										WEINBERG
										MC LAUGHLIN
										FRIESEN
										TAKEUTI
										REINER
										DUBUC
										SCHUPP
										FRASCELLA
										AUSLANDER
										BROWN
										BISHOP
MATH	420	PROJECTIVE GEOMETRY.								
		PREREQUISITE: MATH 328.								
		1 UNIT								
	53912	LECT-DISC	N1	1030-12	TU	TH		143	ADMIN	
										FOSSUM
MATH	423	DIFFERENTIABLE MANIFOLDS.								
		PREREQUISITE: MATH. 323-324 OR CONSENT OF INSTRUCTOR.								
		1 UNIT								
	53920	LECT-DISC	M1	9-1030	TU	TH		321	A	H
										ALBRECHT

MATH	425	LINEAR ANALYSIS ON MANIFOLDS, I.							
		PREREQUISITE: MATH. 423 AND 431, OR CONSENT OF INSTRUCTOR.							
		1 UNIT							
	53937	LECT-DISC	F1	2	M	W	F	245	A H KAMBER
MATH	428	TOPICS IN GEOMETRY.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		1 UNIT							
		*SECTION D1 CONSIDERS COMPLEX MANIFOLDS.							
		*SECTION E1 CONSIDERS ELLIPTIC OPERATORS.							
		*SECTION H1 CONSIDERS GEOMETRY OF NUMBERS.							
	53944	LECT-DISC	*D1	11	M	W	F	243	A H GOLDBERG
	53951	LECT-DISC	*E1	1	M	W	F	245	A H TONDEUR
	53969	LECT-DISC	*H1	4	M	W	F	245	A H AGGARWAL
MATH	430	ELEMENTARY GEOMETRY FROM A MODERN VIEWPOINT.							
		PREREQUISITE: ONE YEAR OF EXPERIENCE IN THE TEACHING OF HIGH SCHOOL MATHEMATICS, CONSENT OF INSTRUCTOR.							
		1 UNIT							
		*SECTION E1 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.							
	53976	LECT-DISC	*E1	1	M	W	F	247	A H WETZEL
MATH	431	ALGEBRAIC TOPOLOGY, I.							
		PREREQUISITE: MATH. 318 AND 332, OR CONSENT OF INSTRUCTOR.							
		1 UNIT							
	53983	LECT-DISC	B1	9	M	W	F	247	A H RAJAGOPALAN
MATH	432	ALGEBRAIC TOPOLOGY, II.							
		PREREQUISITE: MATH. 431.							
		1 UNIT							
	53991	LECT-DISC	D1	11	M	W	F	245	A H ZVENGROWSKI
MATH	433	FIBRE SPACES AND CHARACTERISTIC CLASSES.							
		PREREQUISITE: MATH. 432.							
		1 UNIT							
	54003	LECT-DISC	Q1	1230-2	TU	TH		241	A H OSBORN
MATH	434	POLYHEDRAL TOPOLOGY.							
		PREREQUISITE: MATH. 431 AND 435.							
		1 UNIT							
	54011	LECT-DISC	E1	1	M	W	F	257	A H FINNEY
MATH	435	GENERAL TOPOLOGY, I.							
		PREREQUISITE: MATH. 332 OR CONSENT OF INSTRUCTOR.							
		1 UNIT							
	54028	LECT-DISC	E1	1	M	W	F	241	A H JERRARD
MATH	436	GENERAL TOPOLOGY, II.							
		PREREQUISITE: MATH. 435.							
		1 UNIT							
	54035	LECT-DISC	H1	4	M	W	F	247	A H HAMSTROM
MATH	438	TOPICS IN TOPOLOGY.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		1 UNIT							
		*SECTION B1 CONSIDERS PLANE CURVES.							
		*SECTION C1 CONSIDERS HOMOTOPY THEORY.							
	54042	LECT-DISC	*B1	9	M	W	F	257	A H FRANCIS
	54050	LECT-DISC	*C1	10	M	W	F	247	A H CHEN
MATH	440	THEORY OF FUNCTIONS OF A COMPLEX VARIABLE, I.							
		PREREQUISITE: MATH. 348 OR CONSENT OF INSTRUCTOR.							
		1 UNIT							
	54067	LECT-DISC	D1	11	M	W	F	341	A H HEINS
MATH	441	REAL ANALYSIS, I.							
		PREREQUISITE: MATH. 347 OR EQUIVALENT.							
		1 UNIT							
	54074	LECT-DISC	E1	1	M	W	F	343	A H PHILIPP
	54081	LECT-DISC	H1	4	M	W	F	102	A H MILES

MATH	442	REAL ANALYSIS, II. PREREQUISITE: MATH. 441. 1 UNIT	54099	LECT-DISC	F1	2	M W F	247	A H	UHL
MATH	443	ORDINARY DIFFERENTIAL EQUATIONS. PREREQUISITE: MATH. 347 AND A FIRST COURSE IN ORDINARY DIFFERENTIAL EQUATIONS. 1 UNIT	54100	LECT-DISC	B1	9	M W F	102	A H	BENZINGER
MATH	444	PARTIAL DIFFERENTIAL EQUATIONS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	54117	LECT-DISC	D1	11	M W F	343	A H	BANK
MATH	446	HILBERT SPACE. PREREQUISITE: MATH. 442. 1 UNIT	54124	LECT-DISC	H1	4	M W F	243	A H	PERESSINI
MATH	447	BANACH SPACES. PREREQUISITE: MATH. 442. 1 UNIT	54131	LECT-DISC	F1	2	M W F	145	A H	PECK
MATH	448	HARMONIC ANALYSIS. PREREQUISITE: MATH. 442. 1 UNIT	54149	LECT-DISC	C1	10	M W F	259	A H	KAUFMAN
MATH	450	ORDERED SPACES. PREREQUISITE: MATH. 442 AND 447. 1 UNIT	54156	LECT-DISC	G1	3	M W F	108	A H	LOTZ
MATH	451	THEORY OF PROBABILITY, I. PREREQUISITE: MATH. 442. 1 UNIT	54163	LECT-DISC	C1	10	M W F	245	A H	STOUT
MATH	453	ANALYTIC THEORY OF NUMBERS, I. PREREQUISITE: MATH. 317 AND 348. 1 UNIT	54171	LECT-DISC	B1	9	M W F	108	A H	DIAMOND
MATH	455	MATHEMATICAL METHODS OF PHYSICS, I. PREREQUISITE: MATH. 348. 1 UNIT	54188	LECT-DISC	B1	9	M W F	110	A H	BELFORD
			54195	LECT-DISC	C1	10	M W F	341	A H	SCOTT
MATH	456	MATHEMATICAL METHODS OF PHYSICS, II. PREREQUISITE: MATH. 455. 1 UNIT	54206	LECT-DISC	B1	9	M W F	145	A H	WITZ
MATH	457	ADVANCED NUMERICAL ANALYSIS. SAME AS C. S. 457. PREREQUISITE: C. S. OR MATH. 387 OR CONSENT OF INSTRUCTOR. 1 UNIT	54213	LECT-DISC	C1	10	M W F	217	M E L	SAYLOR
MATH	463	INFORMATION THEORY. SAME AS C. S. AND E. E. 463. PREREQUISITE: MATH. 361 OR EQUIVALENT. 1 UNIT	54221	LECT-DISC	D1	11	M W F	145	A H	WOLFOWITZ

MATH 465 TOPICS IN AUTOMATA THEORY.
 SAME AS C. S. AND E. E. 465.
 PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 54238 LECT-DISC D1 11 M W F 241 A H METZE

MATH 468 TOPICS IN ANALYSIS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 *SECTION B1 CONSIDERS APPLICATION OF FOURIER ANALYSIS TO NUMBER THEORY.
 *SECTION D1 CONSIDERS NON-STANDARD ANALYSIS.
 SECTION E1 CONSIDERS C ALGEBRAS.
 *SECTION E2 CONSIDERS MARTINGALE THEORY.
 *SECTION F1: TO BE ANNOUNCED.
 SECTION G1 CONSIDERS MARKOV PROCESSES.
 SECTION G2: TO BE ANNOUNCED.
 SECTION H1 CONSIDERS PARTIAL DIFFERENTIAL EQUATIONS.

54245	LECT-DISC *B1	9	M	W	F	259	A	H	STOLARSKY
54252	LECT-DISC *D1	11	M	W	F	259	A	H	LOEB
54260	LECT-DISC *E1	1	M	W	F	259	A	H	E BERKSON
54277	LECT-DISC *E2	1	M	W	F	341	A	H	BURKHOLDER
54284	LECT-DISC *F1	2	M	W	F	447	A	H	CHUNG
54291	LECT-DISC G1	3	M	W	F	259	A	H	HELMS
54302	LECT-DISC G2	3	M	W	F	247	A	H	DELANGE
54310	LECT-DISC H1	4	M	W	F	259	A	H	R CARROLL

MATH 470 STATISTICAL DECISION FUNCTIONS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 54327 LECT-DISC D1 11 M W F 102 A H WIJSMAN

MATH 473 THE THEORY OF TESTING HYPOTHESES.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 54334 LECT-DISC B1 9 M W F 155 A H BOHRER

MATH 478 TOPICS IN STATISTICS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 54341 LECT-DISC F1 2 M W F 102 A H

MATH 487 THEORY OF APPROXIMATION.
 SAME AS C. S. 487.
 PREREQUISITE: MATH. 318, MATH. 348, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 54359 LECT-DISC D1 11 M W F 108 A H BELFORD

MATH 488 TOPICS IN APPLIED MATHEMATICS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 *SECTION B1 CONSIDERS SCHWARTZ DISTRIBUTION THEORY.
 *SECTION D1 CONSIDERS SINGULAR INTEGRAL EQUATIONS.

54366	LECT-DISC *B1	9	M	W	F	341	A	H	LANGEBARTEL
54373	LECT-DISC *D1	11	M	W	F	147	A	H	TING

MATH 490 READING COURSE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 TO 2 UNITS

54381	CONF	A	ARR	STAFF
54398	CONF	B	ARR	STAFF
54409	CONF	C	ARR	STAFF

MATH 499 THESIS RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 4 UNITS
 54416 CONF ARR STAFF

MECHANICAL ENGINEERING

DEPARTMENT OFFICE

144 M E B

COURSES FOR UNDERGRADUATES

M E 185 MATERIALS PROCESSING AND PRODUCTION TECHNOLOGY.
PREREQUISITE: CHEM. 102 (NEW), PHYSCS. 106, AND CREDIT OR
REGISTRATION IN MATH. 142 OR 143.

4 HOURS

54423	LECT-DISC	8L1	9	M	W	F	218	M E B
	LAB	8L1	9-12	TU			217	M E B
		8L1	9-12	TU			218	M E B
54431	LECT-DISC	8L3	9	M	W	F	218	M E B
	LAB	8L3	9-12	TH			217	M E B
		8L3	9-12	TH			218	M E B
54448	LECT-DISC	CQ1	10	M	W	F	218	M E B
	LAB	CQ1	2-5	TU			217	M E B
		CQ1	2-5	TU			218	M E B

M E 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

54455 CNF Y ARR

COURSES FOR ADVANCED UNDERGRADUATES

M E 202 THERMODYNAMICS AND HEAT TRANSFER.

PREREQUISITE: MATH. 345, PHYSCS. 107, T. A. M. 154 OR 211.

3 HOURS

54462	LECT-DISC	A	8	M	W	F	135	M E B
54470	LECT-DISC	B	9	M	W	F	110	M E B
54487	LECT-DISC	C	10	M	W	F	253	M E B
54494	LECT-DISC	E	1	M	W	F	110	M E B
54505	LECT-DISC	F	2	M	W	F	332	M E B
54512	LECT-DISC	G	3	M	W	F	204	M E L

M E 205 THERMODYNAMICS.

PREREQUISITE: MATH. 142 OR 143, PHYSCS. 107.

3 HOURS

54576	LECT-DISC	8C1	10	M	W	F	135	M E B
		8C1	10-12	M	W	F	135	M E B
54520	LECT-DISC	C2	10	M	W	F	236	M E B
		C2	10-12	M	W	F	236	M E B
54537	LECT-DISC	C3	10	M	W	F	110	M E B
		C3	10-12	M	W	F	110	M E B
54544	LECT-DISC	G1	3	M	W	F	135	M E B
		G1	3-5	M	W	F	135	M E B
54551	LECT-DISC	G2	3	M	W	F	236	M E B
		G2	3-5	M	W	F	236	M E B
54569	LECT-DISC	G3	3	M	W	F	336	M E B
		G3	3-5	M	W	F	336	M E B

M E 206 THERMODYNAMICS.

PREREQUISITE: M. E. 205.

3 HOURS

54583	LECT-DISC	B1	9	M	W	F	253	M E B
54591	LECT-DISC	B2	9	M	W	F	204	M E L
54601	LECT-DISC	F1	2	M	W	F	218	M E B
54619	LECT-DISC	F2	2	M	W	F	204	M E L

M E 207 THERMODYNAMICS.

PREREQUISITE: MATH. 142 OR 143 AND PHYSCS. 107.

3 HOURS

* STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE DISC SECTION.

54626	LECT	G1	3	M	W	F	218	M E B
54633	LECT	G2	3	M	W	F	253	M E B
54641	LECT	H	4	M	W	F	204	M E L
54658	DISC	P1	1	TU			344	M E B
54665	DISC	Q1	2	TU			344	M E B
54672	DISC	R1	3	TU			344	M E B
54680	DISC	S1	4	TU			253	M E B
54697	DISC	P3	1	TH			344	M E B
54708	DISC	Q3	2	TH			344	M E B
54715	DISC	R3	3	TH			344	M E B
54722	DISC	S3	4	TH			253	M E B

M E	209	THERMODYNAMICS AND HEAT TRANSFER. PREREQUISITE: MATH. 142 OR 143, PHYS. 107. 3 HOURS									
	54730	LECT-DISC	B1	9	M	W	F	236	M	E	B
	54747	LECT-DISC	B2	9	M	W	F	135	M	E	B
	54754	LECT-DISC	F	2	M	W	F	236	M	E	B
M E	210	INTRODUCTION TO ENGINEERING EXPERIMENTATION. PREREQUISITE: REGISTRATION IN MATH. 345 AND M. E. 220. 3 HOURS STUDENTS MUST REGISTER IN LECTURE-DISC. AND IN ONE LAB SECTION.									
	54804	LECT-DISC	A	8	M	F		110	M	E	B
	54761	LAB	L1	9-12	TU				M	E	LAB
	54779	LAB	L3	9-12	TH				M	E	LAB
	54786	LAB	Q1	2-5	TU				M	E	LAB
	54793	LAB	Q3	2-5	TH				M	E	LAB
M E	211	INTRODUCTORY GAS DYNAMICS. PREREQUISITE: MATH. 345, PHYS. 107, AND M. E. 210 (OR CONCURRENTLY) 3 HOURS									
	54811	LECT-DISC	A	8	M	W	F	236	M	E	B
	54829	LECT-DISC	B	9	M	W	F	343	M	E	B
	54836	LECT-DISC	E	1	M	W	F	218	M	E	B
	54843	LECT-DISC	F	2	M	W	F	319	M	E	L
M E	213	HEAT TRANSFER. PREREQUISITE: M. E. 211. 3 HOURS									
	54851	LECT-DISC	A	8	M	W	F	332	M	E	B
	54868	LECT-DISC	E	1	M	W	F	253	M	E	B
M E	220	MECHANICS OF MACHINERY. PREREQUISITE: T. A. M. 154 OR 156, OR REGISTRATION IN T. A. M. 211, AND CREDIT OR REGISTRATION IN C. S. 101. 4 HOURS									
	54875	LAB-DISC	A	8-10	M	W	F	353	M	E	B
	54882	LAB-DISC	C	10-12	M	W	F	353	M	E	B
	54890	LAB-DISC	E	1-3	M	W	F	353	M	E	B
M E	224	DESIGN OF MACHINE ELEMENTS. PREREQUISITE: M. E. 220 OR 221; T. A. M. 221; CREDIT OR REGISTRATION IN T. A. M. 223. 3 HOURS									
	54901	LECT-DISC	A1	8-10	M	W	F	336	M	E	B
	54918	LECT-DISC	A2	8-10	M	W	F	344	M	E	B
	54925	LECT-DISC	C1	10-12	M	W	F	336	M	E	B
	54932	LECT-DISC	C2	10-12	M	W	F	344	M	E	B
	54940	LECT-DISC	E1	1-3	M	W	F	336	M	E	B
	54957	LECT-DISC	E2	1-3	M	W	F	344	M	E	B
M E	234	HEAT TREATMENT OF METALS. PREREQUISITE: T. A. M. 221, CREDIT OR REGISTRATION IN M. E. 224 AND T. A. M. 223. 3 HOURS STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB SECTION.									
	54964	LECT	K	8	TU	TH		110	M	E	B
	54971	LECT	D	11	M	F		110	M	E	B
	54989	LECT	P	1	TU	TH		110	M	E	B
	54996	LAB	L1	9-12	TU			110	M	E	B
			L1	9-12	TU			114	M	E	B
	55009	LAB	L3	9-12	TH			110	M	E	B
			L3	9-12	TH			114	M	E	B
	55016	LAB	Q1	2-5	TU			110	M	E	B
			Q1	2-5	TU			114	M	E	B
	55023	LAB	Q3	2-5	TH			110	M	E	B
			Q3	2-5	TH			114	M	E	B
	55031	LAB	F	2-5	M			110	M	E	B
			F	2-5	M			114	M	E	B
M E	250	THERMO SCIENCE LABORATORY. PREREQUISITE: M. E. 205 AND 213. 3 HOURS									
	55048	LAB	B	9-12	M	F		319	M	E	L
			B	9-12	M	F		320	M	E	L
			B	9-12	M	F		101	M	E	B
			B	9-12	M	F			M	E	LAB

M E 252 HEATING AND AIR CONDITIONING FOR ARCHITECTS.
PREREQUISITE: JUNIOR STANDING.
4 HOURS
55055 LECT-DISC D 11 MTUWTH 101 ARMORY

M E 254 HEAT TRANSFER AND GAS DYNAMICS.
PREREQUISITE: M. E. 205, CREDIT OR REGISTRATION IN T. A. M. 235.
*CREDIT IS NOT GIVEN FOR BOTH M. E. 254 AND 212.
*3 HOURS
55062 LECT-DISC D 11 M W F 204 M E L

M E 256 INTERNAL COMBUSTION ENGINES.
PREREQUISITE: M. E. 206.
3 HOURS
55070 LECT-DISC L 9 TU TH 253 M E B
55087 LECT-DISC Q 2 TU TH 236 M E B
55094 LAB M1 10-12 TU 101 M E B
55105 LAB M3 10-12 TH 101 M E B
55112 LAB R1 3-5 TU 101 M E B
55120 LAB R3 3-5 TH 101 M E B

M E 257 GAS TURBINES.
PREREQUISITE: M. E. 206, AND 212 OR EQUIVALENT.
3 HOURS
55137 LECT-DISC L 9 TU TH 236 M E B
55144 LAB M1 10-12 TU 101 M E B
55151 LAB M3 10-12 TH 101 M E B

M E 259 REFRIGERATION.
PREREQUISITE: M. E. 206 AND 212.
3 HOURS
55169 LECT-DISC G 3 M W F 353 M E B

M E 263 APPLICATION OF ENERGY CONCEPTS TO POWER PROCESSES.
PREREQUISITE: M. E. 206 AND 212.
5 HOURS
55176 LECT-DISC A 8 M W F 204 M E L
55183 LAB M 10-12 TU TH 204 M E L
M 10-12 TU TH 101 M E B
M 10-12 TU TH M E LAB
55191 LAB P 1-3 TU TH 204 M E L
P 1-3 TU TH 101 M E B
P 1-3 TU TH M E LAB

M E 264 HEAT POWER LABORATORY.
PREREQUISITE: M. E. 212 AND 263.
3 HOURS
55201 LAB C 10-12 M W F 112 M E L
C 10-12 M W F 101 M E B
C 10-12 M W F M E LAB
55219 LAB E 1-3 M W F 112 M E L
E 1-3 M W F 101 M E B
E 1-3 M W F M E LAB

M E 265 PRINCIPLES OF CONTROL SYSTEMS.
PREREQUISITE: M. E. 210 OR SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS
STUDENTS MUST REGISTER IN LECT-DISC AND IN ONE LAB SECTION.
55226 LECT-DISC A 8 M F 253 M E B
55233 LAB L1 9-12 TU M E LAB
55241 LAB L3 9-12 TH M E LAB
55258 LAB Q1 2-5 TU M E LAB
55265 LAB Q3 2-5 TH M E LAB

M E 271 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 224.
3 HOURS
*SECTION &E1 IS AN HONORS SECTION.
55272 LECT-DISC A1 8-10 M W F 335 M E B
55280 LECT-DISC C1 10-12 M W F 349 M E B
55315 LECT-DISC *&E1 1-3 M W F 349 M E B
55297 LECT-DISC E2 1-3 M W F 249 M E B
55308 LECT-DISC F1 2-4 M W F 343 M E B

M E 284 WELDING ENGINEERING.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 55322 LECT-DISC GM1 3 M F 335 M E B
 GM1 9 TU 335 M E B
 LAB GM1 10-12 TU 215 M E B

M E 290 SENIOR PROJECT LABORATORY.
 PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING.
 2 HOURS
 55330 CONF Y ARR

M E 291 SEMINAR.
 PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR.
 0 CREDIT
 55347 LECT H 4 M 218 M E B

M E 293 SPECIAL PROJECTS.
 PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, CONSENT OF HEAD OF DEPARTMENT.
 3 HOURS
 55354 CONF Y ARR
 55361 CONF Z ARR
 55379 CONF YY 9 M W F 101 WOODSHOP
 55386 CONF ZZ 10 M W F 101 WOODSHOP

M E 296 HONORS PROJECT.
 PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 55393 CONF &Z ARR

M E 297 HONORS SEMINAR.
 PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 55404 CONF &R 3-5 TH 135 M E B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

M E 301 THERMODYNAMICS.
 PREREQUISITE: M. E. 206, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 55411 LECT 3 M W F 344 M E B SDO

M E 302 NUCLEAR POWER ENGINEERING.
 SAME AS NUC. E. 302.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 55429 LECT-DISC 9 M W F 235 M E B

M E 305 THERMODYNAMICS OF HIGH VELOCITY FLOW.
 PREREQUISITE: M. E. 206 OR 211 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 55436 LECT-DISC 11 M W F 218 M E B ADDY, WHITE

M E 306 INDUSTRIAL HEAT TRANSFER.
 PREREQUISITE: UNDERGRADUATE COURSES IN FLUID MECHANICS AND HEAT TRANSFER.
 4 HOURS OR 1 UNIT
 55443 LECT-DISC 3-5 TU TH 204 M E L CLAUSING, HERING

M E 309 EXPERIMENTAL GAS DYNAMICS.
 PREREQUISITE: M. E. 211 OR 305 OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 55451 LECT-DISC ARR ADDY, CHOW, WHITE

M E 311 INSTRUMENTATION AND MEASUREMENTS.
 SAME AS AG. E. 311.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.
 3 OR 4 HOURS, OR 3/4 OR 1 UNIT

55468	LECT		9	M W F	132	AGR ENG	YOERGER
55475	LAB	1	2-4	W	121	AGR ENG	YOERGER
55482	LAB	2	8-10	TH	121	AGR ENG	YOERGER

M E 312 THEORY OF CONTROLS.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

55490	LECT		1	M W F	236	M E B	KLEIN
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M E 323 DESIGN OF THERMAL SYSTEMS.
 PREREQUISITE: M. E. 206, 211 AND 213.
 3 HOURS, OR 3/4 OR 1 UNIT
 *STUDENTS MUST REGISTER IN THE LECTURE AND IN ONE LABORATORY.

55501	LECT	R	3	TU TH	253	M E B	STOECKER
55518	LAB	Q	2	TU TH	336	M E B	STOECKER
55525	LAB	S	4	TU TH	344	M E B	STOECKER

M E 332 THEORY OF INTERNAL COMBUSTION ENGINES.
 PREREQUISITE: UNDERGRADUATE COURSE IN INTERNAL COMBUSTION ENGINES
 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 TO 1 UNIT

55532	LECT-DISC		ARR				HULL
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M E 341 ENGINEERING ANALYSIS AND DESIGN.
 PREREQUISITE: M. E. 271, SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

55540	LECT-DISC	A	8-10	M W F	249	M E B	ADKINS
55557	LECT-DISC	L	9-12	TU TH	249	M E B	OFFNER

M E 342 KINEMATIC ANALYSIS AND SYNTHESIS.
 PREREQUISITE: UNDERGRADUATE COURSE IN KINEMATICS AND SENIOR
 STANDING, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

55564	LECT-DISC		8	M W F	343	M E B	BROGHAMER
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COURSES FOR GRADUATES

M E 401 THERMODYNAMICS AND TRANSPORT PROPERTIES.
 PREREQUISITE: M. E. 301 OR CONSENT OF INSTRUCTOR.
 1 UNIT

55571	LECT-DISC		10-12	TU TH	344	M E B	SOG
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M E 404 GAS DYNAMICS.
 PREREQUISITE: DIFFERENTIAL EQUATIONS, THERMODYNAMICS, FLUID
 MECHANICS.
 1 UNIT

55589	LECT-DISC		3-5	TU TH	336	M E B	ADDY, CHOW, KORST
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M E 407 SELECTED TOPICS IN GAS DYNAMICS.
 PREREQUISITE: M. E. 404.
 1 UNIT

55596	LECT-DISC		ARR				CHOW, KORST
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M E 408 LABORATORY INVESTIGATIONS IN THERMODYNAMICS.
 PREREQUISITE: ONE-YEAR COURSE IN THERMODYNAMICS, ONE HALF-YEAR
 COURSE IN POWER LABORATORY.
 1/2 TO 1 1/2 UNITS

55607	CONF		ARR				MORRISON, PETRIE, SOG, STUKEL
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M E	409	LABORATORY INVESTIGATIONS IN FLUID FLOW, HEAT TRANSFER, AND COMBUSTION PREREQUISITE: COURSES IN THERMODYNAMICS AND FLUID MECHANICS. 1/2 TO 1 1/2 UNITS	55614	CONF	ARR				ADDY, BAIR, CHOW, HERING CHATO, WHITE, KORST, SAVAGE, CHAO
M E	410	THERMAL RADIATION. PREREQUISITE: M. E. 306 OR CONSENT OF INSTRUCTOR. 1 UNIT	55621	LECT-DISC	1-3	M W	243	M E B	HERING
M E	421	ENVIRONMENTAL CONTROL. SAME AS ARCH. 421. PREREQUISITE: UNDERGRADUATE DEGREE IN ARCHITECTURAL OR MECHANICAL ENGINEERING, OR CONSENT OF INSTRUCTOR. 1 UNIT	55639	LECT-DISC	10-12	TU TH	336	M E B	STOECKER
M E	428	INVESTIGATIONS IN THERMAL SYSTEMS. 1/2 TO 1 1/2 UNITS	55646	CONF	ARR				CHATO, PEDERSEN, STOECKER
M E	429	INVESTIGATIONS IN ENVIRONMENTAL CONTROL. PREREQUISITE: TWO SEMESTERS OF POWER LABORATORY OR EQUIVALENT. 1/2 TO 1 1/2 UNITS	55653	CONF	ARR				CHATO, HERTIG, PEDERSEN, STOECKER
M E	438	LABORATORY INVESTIGATIONS IN POWER MACHINERY. PREREQUISITE: ONE-YEAR COURSE IN POWER LABORATORY. 1/2 TO 1 1/2 UNITS	55661	CONF	ARR				HEBRANK, HULL, MILES, STROUT
M E	443	DYNAMICS OF MACHINERY. PREREQUISITE: UNDERGRADUATE COURSE IN DYNAMICS OF MACHINES, ONE YEAR OF MACHINE DESIGN. 1 UNIT	55678	LECT-DISC	2	M W F	335	M E B	LARSON
M E	445	DESIGN OF INTERNAL COMBUSTION ENGINES. PREREQUISITE: UNDERGRADUATE COURSES IN DYNAMICS OF MACHINES AND IN INTERNAL COMBUSTION ENGINES, ONE YEAR OF MACHINE DESIGN. 1 UNIT	55685	LECT-DISC	ARR				HULL
M E	448	LABORATORY INVESTIGATIONS IN MACHINE DESIGN. 1/2 TO 1 1/2 UNITS	55692	CONF	ARR				ADKINS, LARSON BROGHAMER, OFFNER, RADZIMOVSKY
M E	451	THEORY OF METAL CUTTING. PREREQUISITE: UNDERGRADUATE COURSE IN PRINCIPLES OF METAL CUTTING. AND HEAT TREATMENT OF METALS OR PHYSICAL METALLURGY. 1 UNIT	55703	DISC	2-4	TU TH	235	M E B	TRIGGER
M E	458	LABORATORY INVESTIGATIONS IN PRODUCTION. 1/2 TO 1 1/2 UNITS	55711	CONF	ARR				BARDES, KLEIN, LEACH, TRIGGER TURKOVICH

M E 493 SEMINAR.
 REQUIRED FOR ALL M. S. CANDIDATES.
 0 CREDIT
 55728 DISC APP

KONZO, SAVAGE

M E 499 THESIS RESEARCH.
 0 TO 4 UNITS

55735	CONF	ALA	ARR
55742	CONF	RWA	ARR
55750	CONF	WEB	ARR
55767	CONF	ELB	ARR
55774	CONF	BTC	ARR
55781	CONF	JCC	ARR
55799	CONF	WLC	ARR
55800	CONF	AMC	ARR
55817	CONF	MID	ARR
55824	CONF	LED	ARR
55831	CONF	JD	ARR
55849	CONF	RGH	ARR
55856	CONF	BAH	ARR
55863	CONF	WLH	ARR
55871	CONF	BGJ	ARR
55888	CONF	REK	ARR
55895	CONF	HHK	ARR
55906	CONF	CSL	ARR
55913	CONF	FAM	ARR
55921	CONF	DHO	ARR
55938	CONF	COP	ARR
55945	CONF	LCP	ARR
55952	CONF	EIR	ARR
55960	CONF	LDS	ARR
55977	CONF	SLS	ARR
55984	CONF	WFS	ARR
55991	CONF	JJS	ARR
56004	CONF	KJT	ARR
56011	CONF	BFT	ARR
56029	CONF	RW1	ARR
56036	CONF	RW2	ARR

ADDY
 ADKINS
 BAIR
 BROGHAMER
 CHAO
 CHATO
 CHOW
 CLAUSING
 DESSOUKY
 DOYLE
 DUNCAN
 HERING
 HERTIG
 HULL
 JONES
 KLEIN
 KORST
 LARSON
 MORRISON
 OFFNER
 PEDERSEN
 PIGAGE
 RADZIMOVSKY
 SAVAGE
 SOO
 STOECKER
 STUKEL
 TRIGGER
 TURKOVICH
 WALLHAUS
 WHITE

MEDIEVAL CIVILIZATION STUDIES PROGRAM

MAJOR: STUDENTS WHO ELECT MEDIEVAL CIVILIZATION AS A MAJOR MUST COMPLETE THE LOWER DIVISION REQUIREMENTS OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS) IN COURSES CHOSEN FROM THE FOLLOWING LIST: ARCH. 214; ART 308 OR 309; CLCIV. 301, 302; ENGL. 311; HIST. 301, 302, 303, 304, 305, 333, 345; ITAL. 311, 312; LAT. 104; PHIL. 304; SPCH. 361. OTHER COURSES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ADVISER; ADVANCED READING COURSES IN ANY FOREIGN LANGUAGE OFFERED BY THE UNIVERSITY ARE STRONGLY RECOMMENDED.
 ADVISER: PROFESSOR DONALD E. QUELLER, 322 ARMORY.

METALLURGICAL ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR UNDERGRADUATES

MET E 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

56043 CONF

ARR

COURSES FOR ADVANCED UNDERGRADUATES

MET E 201 PHYSICAL METALLURGY, I.

PREREQUISITE: PHYCS. 107.

3 HOURS

56051 LECT-DISC 11 M W F 305 M M B

MET E 203 PHYSICAL METALLURGY LABORATORY, I.

PREREQUISITE: REGISTRATION IN MET. E. 201.

1 HOUR

56068 LAB A 2-5 M 212 M M B

56075 LAB B 2-5 W 212 M M B

MET E 207 EXTRACTIVE METALLURGY.

PREREQUISITE: JUNIOR STANDING IN METALLURGICAL ENGINEERING OR EQUIVALENT.

3 HOURS

56082 LECT-DISC 9 M W F 305 M M B

MET E 251 PHYSICAL METALLURGY, III.

PREREQUISITE: MET. E. 201 AND 203.

*CREDIT NOT ALLOWED FOR MET. E. 251 IN ADDITION TO MET. E. 387.

*3 HOURS

56090 LECT-DISC 8 M W F 305 M M B

MET E 253 PHYSICAL METALLURGY LABORATORY, III.

PREREQUISITE: REGISTRATION IN MET. E. 251.

3 HOURS

56101 LAB 2-5 TU TH 212 M M B

MET E 294 METALLURGICAL SEMINAR.

PREREQUISITE: SENIOR STANDING IN METALLURGICAL ENGINEERING.

1 HOUR

56118 CONF A 8 TU 403 M M B

56125 CONF B 9 TU 403 M M B

MET E 299 THESIS.

PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.

1 TO 3 HOURS

56132 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MET E 302 POWDER METALLURGY.

PREREQUISITE: APPROVAL OF DEPARTMENT, REGISTRATION IN MET. E. 304, SENIOR STANDING.

2 HOURS, OR 1/2 OR 3/4 UNIT

56140 LECT-DISC 11 TU TH 305 M M B

MET E 304 POWDER METALLURGY LABORATORY.

PREREQUISITE: APPROVAL OF DEPARTMENT, REGISTRATION IN MET. E. 302, SENIOR STANDING.

1 HOUR OR 1/4 UNIT

56157 LAB A 2-5 F 112 M M B

56164 LAB B 9-12 S 112 M M B

MET E 307 CORROSION OF METALS.

PREREQUISITE: M. E. 234 OR EQUIVALENT.

3 HOURS, OR 3/4 OR 1 UNIT

56171 LECT-DISC 10 M W F 403 M M B

MET E 492 SEMINAR ON SURFACES.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 OR 1/4 UNIT
 56342 CONF 3 TU 403 M M B

MET E 493 SEMINAR ON ANELASTICITY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 OR 1/4 UNIT
 56350 CONF 3-5 TU 305 M M B

MET E 494 SEMINAR ON PHASE TRANSFORMATIONS IN METALS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 OR 1/4 UNIT
 56367 CONF A 4 TU 403 M M B
 56374 CONF B 4 TH 403 M M B

MET E 495 SEMINAR ON DIFFUSION AND IMPERFECTIONS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 OR 1/4 UNIT
 56381 CONF 3 TH 403 M M B

MET E 497 SEMINAR ON ALLOY PHASES.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 OR 1/4 UNIT
 56399 CONF 4 F 305 M M B

MET E 498 COLLOQUIUM IN PHYSICAL METALLURGY.
 REQUIRED OF ALL GRADUATE STUDENTS IN METALLURGICAL ENGINEERING.
 0 CREDIT
 56400 LECT 4 W 119 M M B

MET E 499 THESIS RESEARCH.
 0 TO 4 UNITS
 56417 CONF ARR

MICROBIOLOGY

DEPARTMENT OFFICE

131 BUR HALL

MAJOR: BIOLOGY 110-111 AND TWENTY HOURS OF MICROBIOLOGY COURSES INCLUDING MICROBIOLOGY 200-201. BIOLOGY 210 AND 211 MAY BE SUBSTITUTED FOR MICROBIOLOGY COURSES. IN ADDITION, QUANTITATIVE AND ORGANIC CHEMISTRY, MATHEMATICS THROUGH TRIGONOMETRY AND ONE YEAR OF PHYSICS ARE REQUIRED. CREDIT MUST ALSO BE PRESENTED IN ONE COURSE TO BE SELECTED FROM CALCULUS, STATISTICS, OR COMPUTER SCIENCE, AND ONE COURSE TO BE SELECTED FROM PHYSICAL CHEMISTRY OR BIOCHEMISTRY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, ENTOMOLOGY, MATHEMATICS, PHYSICS, PHYSIOLOGY, AND ZOOLOGY. NO COURSE MAY APPLY TO BOTH THE MAJOR AND THE MINOR.

COURSES FOR UNDERGRADUATES

MCBIO 100 INTRODUCTORY MICROBIOLOGY.
 *CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200.
 *3 HOURS
 56424 LECT 2 M W F 151 E E B

MCBIO 101 INTRODUCTORY EXPERIMENTAL MICROBIOLOGY.
 PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100.
 *CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201.
 *2 HOURS
 56431 LAB A 10-12 M W 242 BUR HALL
 56449 LAB B 3-5 M W 242 BUR HALL
 56456 LAB C 10-12 TU TH 242 BUR HALL
 56463 LAB D 1-3 TU TH 242 BUR HALL

HELM AND
 ASSISTANTS

COURSES FOR ADVANCED UNDERGRADUATES

MCBIO 200 MICROBIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY.

*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200.

*3 HOURS

56471 LECT 11 M W F 124 BUR HALL KAPLAN

MCBIO 201 EXPERIMENTAL MICROBIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100 OR 200 AND IN ORGANIC CHEMISTRY.

*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201.

*2 HOURS

56488 LAB A 8-10 M W F 242 BUR HALL KAPLAN, KRAMER
56495 LAB B 1-3 M W F 242 BUR HALL AND ASSISTANTS

MCBIO 207 RESEARCH AND SPECIAL PROBLEMS.

PREREQUISITE: FIFTEEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE 10 HOURS.

*3 TO 5 HOURS.

56506 LAB-DISC ARR BUR HALL STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MCBIO 309 COMPARATIVE MICROBIAL CHEMISTRY.

PREREQUISITE: CHEM. 350 OR EQUIVALENT.

2 HOURS OR 1/2 UNIT

56513 LECT 1 M W 140 BUR HALL WOLFE

MCBIO 326 PATHOGENIC BACTERIOLOGY.

PREREQUISITE: MCBIO. 101 OR 201 OR 309, ORGANIC CHEMISTRY.

5 HOURS OR 1 UNIT

56521 LECT 8 M W F 140 BUR HALL MEYER, HELM
56538 LAB A 8-11 TU TH 202 BUR HALL AND ASSISTANTS
56545 LAB B 1-4 TU TH 202 BUR HALL

MCBIO 330 METABOLIC REGULATION AND GENETICS OF MICROORGANISMS.

PREREQUISITE: MCBIO. 101 OR 201 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN BIOCHEMISTRY, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

56552 LECT 10 M W F 119 M M B SYMPHERD

MCBIO 351 VIRUSES, I.

SAME AS BOT. AND ZOOL. 351.

PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY AND CALCULUS

RECOMMENDED.

3 HOURS OR 3/4 UNIT

56560 LECT 11 M W F 140 BUR HALL DRAKE

COURSES FOR GRADUATES

MCBIO 409 CULTIVATION AND PROPERTIES OF MICROORGANISMS.

PREREQUISITE: CHEM. 355 OR EQUIVALENT, CREDIT OR REGISTRATION IN MCBIO. 309 AND CONSENT OF INSTRUCTOR.

1 UNIT

56577 LECT 1 F 140 BUR HALL WOLFE, KRAMER
LAB 2-5 M W F 202 BUR HALL AND ASSISTANTS

MCBIO 412 ADVANCES IN MICROBIOLOGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.

*1/4 UNIT

56584 CONF ARR BUR HALL STAFF

MCBIO 490 INDIVIDUAL PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 TO 2 UNITS

56591 LAB-DISC ARR BUR HALL STAFF

MCBIO 495 SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS MICROBIOLOGY.
 PREREQUISITE: TEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR.
 0 OR 1/4 UNIT
 56602 CONF 4 TH 124 BUR HALL STAFF

MCBIO 499 THESIS RESEARCH.
 0 TO 4 UNITS
 56610 CONF ARR BUR HALL STAFF

MILITARY SCIENCE

DEPARTMENT OFFICE

110 ARMORY

BASIC MILITARY CURRICULUM

ENTERING MALE STUDENTS WHO ARE PHYSICALLY QUALIFIED AND WHO HAVE BEEN SELECTED FOR ENROLLMENT MUST, IN ADDITION TO REQUIRED MILITARY SCIENCE COURSES, REGISTER IN EITHER A NATURAL SCIENCE OR SOCIAL SCIENCE GENERAL EDUCATION SEQUENCE ACCEPTABLE TO THE MILITARY SCIENCE DEPARTMENT AND THE STUDENTS COLLEGE.

COURSES FOR UNDERGRADUATES

MIL S 100 LEADERSHIP LABORATORY (FIRST SEMESTER FRESHMEN ONLY).
 PREREQUISITE: APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION C FOR SPECIAL FORCES ONLY.

56627	LAB	A	3	TU	101 ARMORY	STAFF
		A	3	TU	ARMORY FLOOR	STAFF
56634	LAB	B	7PM	TH	101 ARMORY	STAFF
		B	7PM	TH	ARMORY FLOOR	STAFF
56641	LAB	*C	7PM	TH	101 ARMORY	STAFF
		*C	7PM	TH	ARMORY FLOOR	STAFF

MIL S 101 INTRODUCTION TO MILITARY SCIENCE (UNITED STATES DEFENSE ESTABLISHMENT, I).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
 ENROLLMENT IN MIL. S. 100.

1 HOUR

56659	LECT-DISC	A	11	M	300 ARMORY	OSBURN
56666	LECT-DISC	B	2	M	300 ARMORY	OSBURN
56673	LECT-DISC	C	2	TU	300 ARMORY	OSBURN
56681	LECT-DISC	D	10	W	300 ARMORY	OSBURN
56698	LECT-DISC	E	1	W	300 ARMORY	OSBURN
56709	LECT-DISC	F	8	TH	300 ARMORY	OSBURN
56716	LECT-DISC	G	8	F	300 ARMORY	OSBURN
56723	LECT-DISC	H	10	F	300 ARMORY	OSBURN

MIL S 112 AMERICAN MILITARY HISTORY.

PREREQUISITE: REGISTRATION IN MIL. S. 150 OR 175.

2 HOURS

56731	LECT-DISC	A	11	M W	313 ARMORY	MARK
56748	LECT-DISC	B	2	M W	313 ARMORY	MARK
56755	LECT-DISC	C	9	TU TH	300 ARMORY	MARK
56762	LECT-DISC	D	1	TU TH	300 ARMORY	MARK

MIL S 125 LEADERSHIP LABORATORY (SECOND SEMESTER FRESHMEN ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION C FOR SPECIAL FORCES ONLY.

56770	LAB	A	3	TU	101 ARMORY	STAFF
		A	3	TU	ARMORY FLOOR	STAFF
56787	LAB	B	7PM	TH	101 ARMORY	STAFF
		B	7PM	TH	ARMORY FLOOR	STAFF
56794	LAB	*C	7PM	TH	101 ARMORY	STAFF
		*C	7PM	TH	ARMORY FLOOR	STAFF

MIL S 150 LEADERSHIP LABORATORY (FIRST SEMESTER SOPHOMORES ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION C FOR SPECIAL FORCES ONLY.

56805	LAB	A	3	TU	101 ARMORY	STAFF
		A	3	TU	ARMORY FLOOR	STAFF
56812	LAB	B	7PM	TH	101 ARMORY	STAFF
		B	7PM	TH	ARMORY FLOOR	STAFF
56820	LAB	*C	7PM	TH	101 ARMORY	STAFF
		*C	7PM	TH	ARMORY FLOOR	STAFF

MIL S 175 LEADERSHIP LABORATORY (SECOND SEMESTER SOPHOMORES ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION C FOR SPECIAL FORCES ONLY.

56837	LAB	A	3	TU	101 ARMORY	STAFF
		A	3	TU	ARMORY FLOOR	STAFF
56844	LAB	B	7PM	TH	101 ARMORY	STAFF
		B	7PM	TH	ARMORY FLOOR	STAFF
56851	LAB	*C	7PM	TH	101 ARMORY	STAFF
		*C	7PM	TH	ARMORY FLOOR	STAFF

ADVANCED MILITARY CURRICULUM

SELECTED MALE STUDENTS WHO HAVE COMPLETED THE BASIC MILITARY COURSE OR ITS EQUIVALENT, AND WHO HAVE SATISFACTORILY PASSED PHYSICAL AND SCREENING EXAMINATIONS MAY APPLY FOR ENROLLMENT IN THE ADVANCED MILITARY CURRICULUM. EACH ADVANCED MILITARY CURRICULUM STUDENT IS PAID A SUBSISTENCE ALLOWANCE. HE MUST ATTEND ROTC SUMMER TRAINING CAMP BETWEEN HIS FIRST AND SECOND YEAR IN THE ADVANCED PROGRAM. SUCCESSFUL COMPLETION OF THE CURRICULUM BY SELECTED STUDENTS NORMALLY RESULTS IN A COMMISSION AS A SECOND LIEUTENANT, U. S. ARMY RESERVE. SELECTED STUDENTS MEETING THE REQUIREMENTS MAY BE COMMISSIONED IN THE REGULAR ARMY.

STUDENTS ENROLLED IN THE REQUIRED MILITARY SCIENCE COURSES MUST, IN ADDITION, ENROLL IN THE THIRD AND IN THE FOURTH YEAR IN AN APPROVED COURSE OF ANOTHER DEPARTMENT. SELECTION OF THESE COURSES MUST BE APPROVED BY THE MILITARY SCIENCE DEPARTMENT ADVISOR AND BE ACCEPTABLE TO THE STUDENTS MAJOR DEPARTMENT.

MIL S 200 LEADERSHIP LABORATORY (FIRST SEMESTER JUNIORS ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION C FOR SPECIAL FORCES ONLY.

56869	LAB	A	4	TU	101 ARMORY	STAFF
		A	4	TU	ARMORY FLOOR	STAFF
56876	LAB	B	7PM	TH	101 ARMORY	STAFF
		B	7PM	TH	ARMORY FLOOR	STAFF
56883	LAB	*C	7PM	TH	101 ARMORY	STAFF
		*C	7PM	TH	ARMORY FLOOR	STAFF

MIL S 201 PRINCIPLES OF MILITARY INSTRUCTION.
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
 REGISTRATION IN MIL. S. 200 OR 225.
 1 HOUR

56891	LECT-DISC	A	9	M	313	ARMORY	BUCH
56901	LECT-DISC	B	8	TU	313	ARMORY	BUCH
56919	LECT-DISC	C	11	TU	313	ARMORY	BUCH
56926	LECT-DISC	D	10	TH	313	ARMORY	BUCH
56933	LECT-DISC	E	11	F	313	ARMORY	BUCH

MIL S 203 PRINCIPLES OF MILITARY LEADERSHIP.
 PREREQUISITE: CONCURRENT REGISTRATION IN MIL. S. 200 OR 225.
 1 HOUR

56941	LECT-DISC	A	10	M	300	ARMORY	MEREDITH
56958	LECT-DISC	B	10	TU	300	ARMORY	MEREDITH
56965	LECT-DISC	C	8	W	300	ARMORY	MEREDITH
56972	LECT-DISC	D	2	TH	300	ARMORY	MEREDITH
56980	LECT-DISC	E	9	F	300	ARMORY	MEREDITH

MIL S 212 ADVANCED MILITARY OPERATIONS (FUNDAMENTALS AND DYNAMICS OF THE
 MILITARY TEAM, II).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
 REGISTRATION IN MIL. S. 250 OR 275.
 3 HOURS

56997	LECT-DISC	A	8	M	W	F	313	ARMORY	ERNEST
57000	LECT-DISC	B	10	M	W	F	313	ARMORY	ERNEST
57017	LECT-DISC	C	1	M	W	F	313	ARMORY	ERNEST
57024	LECT-DISC	D	9-11	TU			313	ARMORY	ERNEST
		E	9		TH		313	ARMORY	ERNEST
57031	LECT-DISC		1	TU			313	ARMORY	ERNEST
		E	1-3		TH		313	ARMORY	ERNEST

MIL S 225 LEADERSHIP LABORATORY (SECOND SEMESTER JUNIORS ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION C FOR SPECIAL FORCES ONLY.

57049	LAB	A	4	TU	101	ARMORY	STAFF
		A	4	TU		ARMORY FLOOR	STAFF
57056	LAB	B	7PM	TH	101	ARMORY	STAFF
		B	7PM	TH		ARMORY FLOOR	STAFF
57063	LAB	*C	7PM	TH	101	ARMORY	STAFF
		*C	7PM	TH		ARMORY FLOOR	STAFF

MIL S 250 LEADERSHIP LABORATORY (FIRST SEMESTER SENIORS ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION D FOR SPECIAL FORCES ONLY.

57071	LAB	A	3	TU	101	ARMORY	STAFF
		A	3	TU		ARMORY FLOOR	STAFF
57088	LAB	B	4	TU	101	ARMORY	STAFF
		B	4	TU		ARMORY FLOOR	STAFF
57095	LAB	C	7PM	TH	101	ARMORY	STAFF
		C	7PM	TH		ARMORY FLOOR	STAFF
57106	LAB	*D	7PM	TH	101	ARMORY	STAFF
		*D	7PM	TH		ARMORY FLOOR	STAFF

MIL S 275 LEADERSHIP LABORATORY (SECOND SEMESTER SENIORS ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION D FOR SPECIAL FORCES ONLY.

57113	LAB	A	3	TU	101	ARMORY	STAFF
		A	3	TU		ARMORY FLOOR	STAFF
57121	LAB	B	4	TU	101	ARMORY	STAFF
		B	4	TU		ARMORY FLOOR	STAFF
57138	LAB	C	7PM	TH	101	ARMORY	STAFF
		C	7PM	TH		ARMORY FLOOR	STAFF
57145	LAB	*D	7PM	TH	101	ARMORY	STAFF
		*D	7PM	TH		ARMORY FLOOR	STAFF

MINING ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MIN E 302 WORLD MINERAL ECONOMICS.
PREREQUISITE: SENIOR STANDING.
3 HOURS, OR 3/4 OR 1 UNIT
57152 LECT-DISC 3 M W F 119 M M B

MIN E 353 SAMPLING, EXPLORATION, VALUATION.
PREREQUISITE: GEOL. 101, 130, MATH. 263.
*THOSE RECEIVING FOUR HOURS OR ONE UNIT ARE REQUIRED TO DO EXTRA
WORK AND WRITE A TERM PAPER.
*3 OR 4 HOURS, OR 3/4 OR 1 UNIT
57160 LECT-DISC 10 M W F ARR

MIN E 393 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 HOURS, OR 0 TO 1 UNIT
57177 CONF ARR

COURSES FOR GRADUATES

MIN E 406 DESIGN OF UNDERGROUND OPENINGS.
PREREQUISITE: MIN. E. 356.
1 UNIT
57184 LECT-DISC 2 M W F 403 M M B

MIN E 497 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 2 UNITS
57191 CONF ARR

MIN E 499 THESIS RESEARCH.
0 TO 4 UNITS
57202 CONF ARR

MODERN GREEK

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

M GRK 201 ELEMENTARY MODERN GREEK, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
5 HOURS
57210 LECT-DISC 6-7PM MTUWTH 311 D H PAPANIKALAOU

M GRK 203 INTERMEDIATE MODERN GREEK, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
PREREQUISITE: M. GRK. 201, AND 202 OR EQUIVALENT.
5 HOURS
57227 LECT-DISC 9 M WTHF 311 D H PAPANIKALAOU
9-11 TU 311 D H

MODERN HEBREW

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

M HBR 201 ELEMENTARY MODERN HEBREW, I.
 *NO CREDIT TOWARD GRADUATION IS GIVEN FOR M. HBR. 201 WITHOUT
 M. HBR. 202.
 *5 HOURS
 STUDENTS MUST REGISTER FOR ONE LECTURE, ONE DISCUSSION AND ONE LAB.

57234	LECT		8	M W	312 D H	BOLOZKY
57241	DISC	A	11	TU TH	311 D H	STAFF
57259	DISC	B	2	TU TH	312 D H	STAFF
57266	DISC	C	3	M W	312 D H	STAFF
57273	LAB		ARR			

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

M HBR 303 INTERMEDIATE MODERN HEBREW, I.
 ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
 PER WEEK IN THE LANGUAGE LABORATORY.
 PREREQUISITE: M. HBR. 202 OR EQUIVALENT.
 5 HOURS OR 1 UNIT

57281	LECT-DISC		9	M W F	1 G H	STAFF
			3	TU TH	209 D H	STAFF

M HBR 305 ADVANCED MODERN HEBREW, I.
 PREREQUISITE: M. HBR. 304 OR EQUIVALENT.
 5 HOURS OR 1 UNIT

57298	LECT-DISC		8	TU THF	312 D H	STAFF
			4	TU TH	311 D H	STAFF

MUSIC

DEPARTMENT OFFICE

100 S M H

COURSES FOR UNDERGRADUATES

MUSIC 100 RUDIMENTS OF THEORY.
 2 HOURS

57309	LECT-DISC	A	8	M W F	116 1203 W NEV	
57316	LECT-DISC	B	1	M W F	103 S M H	ROSENFELD
57323	LECT-DISC	C	11	M W F	106 S M H	ROSENFELD
57331	LECT-DISC	D	11	M W F	100 S H	

MUSIC 101 THEORY OF MUSIC, I.
 PREREQUISITE: FOR NON-MUSIC STUDENTS, MUSIC 100 OR EQUIVALENT.
 3 HOURS
 *ADDITIONAL ONE-HALF HOUR LAB SESSIONS TO BE ARRANGED DAILY.

57348	LECT-DISC	A	*8	MTUWTHF	106 S M H	
57355	LECT-DISC	B	*9	MTUWTHF	106 S M H	
57362	LECT-DISC	C	*10	MTUWTHF	106 S M H	
57370	LECT-DISC	D	*1	MTUWTHF	100 S H	
57387	LECT-DISC	E	*2	MTUWTHF	100 S H	
57394	LECT-DISC	F	*3	MTUWTHF	106 S M H	

MUSIC 102 THEORY OF MUSIC, II.
 PREREQUISITE: MUSIC 101.
 3 HOURS

57405	LECT-DISC	A	9	M W F	103 S M H	
57412	LECT-DISC	B	3	M W F	103 S M H	

MUSIC 103 THEORY OF MUSIC, III.

PREREQUISITE: MUSIC 102.

3 HOURS

57420	LECT-DISC	A	8	M W F	102	S H
57437	LECT-DISC	B	9	M W F	102	S H
57444	LECT-DISC	C	10	M W F	100	S H
57451	LECT-DISC	D	1	M W F	102	S H
57469	LECT-DISC	E	2	M W F	8	S A
57476	LECT-DISC	F	3	M W F	8	S A

MUSIC 104 THEORY OF MUSIC, IV.

PREREQUISITE: MUSIC 103.

3 HOURS

57483	LECT-DISC	A	9	M W F	100	S H
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MUSIC 106 COMPOSITION.

PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM OR CONSENT OF COMPOSITION FACULTY.

2 HOURS

57491	CONF	A	ARR		201	T A	BINKERD
57501	CONF	B	ARR		305	S H	POWELL
57519	CONF	C	ARR		200	T A	KELLY
57526	CONF	D	ARR		203	T A	FREDRICKSON
57533	CONF	E	ARR		202	T A	JOHNSTON

MUSIC 107 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, I.

PREREQUISITE: MUSIC 101.

1 HOUR

57541	LAB-DISC	A	9	TU TH	103	S M H
57558	LAB-DISC	B	3	TU TH	103	S M H

MUSIC 108 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, II.

PREREQUISITE: MUSIC 107.

1 HOUR

57565	LAB-DISC	A	8	TU TH	102	S H
57572	LAB-DISC	B	9	TU TH	102	S H
57580	LAB-DISC	C	10	TU TH	100	S H
57597	LAB-DISC	D	1	TU TH	102	S H
57608	LAB-DISC	E	2	TU TH	8	S A
57615	LAB-DISC	F	3	TU TH	8	S A

MUSIC 109 EAR TRAINING, SIGHT SINGING AND KEYBOARD HARMONY, III.

PREREQUISITE: MUSIC 108.

1 HOUR

57622	LAB-DISC	A	9	TU TH	100	S H
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MUSIC 110 BASIC MUSIC LITERATURE.

REQUIRED OF FRESHMEN IN MUSIC.

2 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

57630	LECT		10	TU TH	25	S M H	KELLMAN
57647	QUIZ	A	8	M W	104	1203 W NEV	
57654	QUIZ	B	3	TU TH	104	1203 W NEV	
57661	QUIZ	C	7PM	M W	103	S M H	
57679	QUIZ	D	7PM	TU TH	103	S M H	

MUSIC 113 APPRECIATION OF MUSIC, SYMPHONIC.

FOR NON-MUSIC STUDENTS.

PREREQUISITE: SOPHOMORE STANDING.

2 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

57686	LECT		1	TU TH	25	S M H	BEHAGUE
57693	QUIZ	A	7PM	M W	116	1203 W NEV	
57704	QUIZ	B	7PM	TU TH	116	1203 W NEV	

MUSIC 115 INTRODUCTION TO OPERA.

PREREQUISITE: SOPHOMORE STANDING.

2 HOURS

57711	LECT-DISC	A	2	M W	25	S M H	ZIRNER
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MUSIC 122 THE THEORY AND HISTORY OF MUSIC, III.

PREREQUISITE: MUSIC 121 AND CONSENT OF INSTRUCTOR.

6 HOURS

57729	LECT-DISC	A	1-3	MTUWTHF	106	S M H	BRUCE, THOMAS AND DARC
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MUSIC 130 INTRODUCTION TO THE ART OF MUSIC, I.

FOR NON-MUSIC STUDENTS ONLY.

4 HOURS

STUDENTS IN LECTURE A1 MUST REGISTER FOR ONE QUIZ, A THRU E.

STUDENTS IN LECTURE B1 MUST REGISTER FOR ONE QUIZ, G THRU L.

57736	LECT	*A1	11	M W F	25	S M H	BYRNSIDE WARD
57790	LECT	*B1	4	M W F	25	S M H	
57743	QUIZ	*A	4	M W	104	1203 W NEV	
57751	QUIZ	*B	4	TU TH	104	1203 W NEV	
57768	QUIZ	*C	7	M W	104	1203 W NEV	
57775	QUIZ	*D	7	TU TH	104	1203 W NEV	
57782	QUIZ	*E	8	M W	103	S M H	
57801	QUIZ	*G	11	M W	116	1203 W NEV	
57818	QUIZ	*H	12	M W	104	1203 W NEV	
57825	QUIZ	*I	8PM	M W	104	1203 W NEV	
57832	QUIZ	*J	8	TU TH	103	S M H	
57840	QUIZ	*L	4	TU TH	103	S M H	

MUSIC 131 INTRODUCTION TO THE ART OF MUSIC, II.

FOR NON-MUSIC STUDENTS ONLY.

PREREQUISITE: MUSIC 130.

4 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

57857	LECT		10	M W F	25	S M H	WARD
57864	QUIZ	A	7PM	M W	100	S H	
57871	QUIZ	B	7PM	TU TH	201	H A	
57889	QUIZ	C	11	M W	103	S M H	
57896	QUIZ	D	11	TU TH	103	S M H	
57907	QUIZ	E	10	M W	101	H A	

MUSIC 142 ELEMENTS OF CONDUCTING.

PREREQUISITE: SOPHOMORE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.

2 HOURS

57914	LECT-DISC	A	3	M W F	167	BAND	DUKER
57921	LECT-DISC	B	10	M W F	167	BAND	PAINTER
57939	LECT-DISC	C	10	M W F	116	1203 W NEV	WISNIEWSKI

MUSIC 179 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

57946	CONF	*A	11	M W F	104	1203 W NEV	HOCK
57953	CONF	*B	630-8PM	W	25	S M H	AMOAKU

COURSES FOR ADVANCED UNDERGRADUATES

MUSIC 200 INSTRUMENTATION, I.

PREREQUISITE: SENIOR STANDING IN MUSIC.

2 HOURS

57961	LECT-DISC	A	9	M W	8	S A	PAINTER
57978	LECT-DISC	B	2	TU TH	103	S M H	CARTER
57985	LECT-DISC	C	10	TU TH	103	S M H	FREDRICKSON
57992	LECT-DISC	D	2	W F	104	1203 W NEV	KOHUT

MUSIC 213 THE HISTORY OF MUSIC, I.

REQUIRED OF ALL MUSIC STUDENTS.

PREREQUISITE: MUSIC 110 OR CONSENT OF INSTRUCTOR.

3 HOURS

58005	LECT		1	M W F	25	S M H	MACDONALD
58012	QUIZ	A	4	M W	106	S M H	
58020	QUIZ	B	4	TU TH	106	S M H	
58037	QUIZ	C	7PM	M W	106	S M H	
58044	QUIZ	D	7PM	TU TH	106	S M H	

MUSIC 230 CHORAL LITERATURE AND CONDUCTING, I.

PREREQUISITE: MUSIC 142.

2 HOURS

58051	LAB-DISC	A	10	M W F	B ENSEMBLE KRN	OLSON
		A	11	M F	CHOS RHRSL KRN	
58069	LAB-DISC	B	10	M W F	A ENSEMBLE KRN	
		B	11	M F	CHOS RHRSL KRN	

MUSIC 231 CHORAL LITERATURE AND CONDUCTING, II.

PREREQUISITE: MUSIC 230.

2 HOURS

58076	LAB-DISC	A	10	M W F	CHOS RHRSL KRN	
		A	11	M F	CHOS RHRSL KRN	

MUSIC 232 INSTRUMENTAL LITERATURE AND CONDUCTING, I.

PREREQUISITE: MUSIC 142.

2 HOURS

58083 LAB-DISC A 8 MTUWTHF 167 BAND DUKER

MUSIC 240 MUSIC FOR ELEMENTARY TEACHERS, I.

PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION OR CONSENT OF INSTRUCTOR. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.

3 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

LECTURE A1 DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST ALSO REGISTER FOR ONE QUIZ FROM SECTIONS C, D, F, G, OR H.

LECTURE B1 DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST ALSO REGISTER FOR ONE QUIZ FROM SECTIONS A, B, OR E.

58091	LECT	A1	12	M	25	S M H	SMITH R THOMAS
58158	LECT	B1	12	TU	25	S M H	
58165	QUIZ	A	3	M W	100	S H	
58172	QUIZ	B	3	M W	102	S H	
58101	QUIZ	C	3	TU TH	100	S H	
58119	QUIZ	D	3	TU TH	102	S H	
58180	QUIZ	E	4	M W	100	S H	
58126	QUIZ	F	4	TU TH	102	S H	
58133	QUIZ	G	11	TU TH	100	S H	
58141	QUIZ	H	11	TU TH	102	S H	

MUSIC 241 MUSIC FOR ELEMENTARY TEACHERS, II.

PREREQUISITE: MUSIC 240. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.

3 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

LECTURE A1 DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST ALSO REGISTER FOR QUIZ A OR B.

LECTURE B1 DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST ALSO REGISTER FOR QUIZ C.

58197	LECT	A1	12	W	25	S M H	SMITH R. THOMAS
58222	LECT	B1	12	TH	25	S M H	
58208	QUIZ	A	4	M W	102	S H	
58215	QUIZ	B	4	TU TH	100	S H	
58230	QUIZ	C	2	TU TH	102	S H	

MUSIC 242 TEACHING MUSIC IN THE ELEMENTARY SCHOOL.

PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.

3 HOURS

58247 LECT-DISC A 2 M W F 103 S M H R. THOMAS

MUSIC 243 TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.

PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.

3 HOURS

*ONE ADDITIONAL HOUR TO BE ARRANGED.

58254 LECT-DISC *A 2 M W 102 S H LEONHARD

MUSIC 244 TEACHING OF INSTRUMENTAL MUSIC.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS

*SECTION A--FOR THE INSTRUMENTAL EMPHASIS PROGRAM.

*SECTION B--FOR THE CHORAL EMPHASIS PROGRAM.

WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

58261	LAB-DISC	*A	2	MTUWTHF	5	S M H	COLWELL
		*A	11	F	5	S M H	
58279	LAB-DISC	*B	1	MTUWTHF	5	S M H	KOHUT
		*B	11	F	5	S M H	

MUSIC 245 CHORAL ARRANGING.

PREREQUISITE: JUNIOR STANDING IN MUSIC.

2 HOURS

58286	LECT-DISC	A	1	TU TH	8	S A
58293	LECT-DISC	B	10	M W	8	S A

MUSIC 246 TEACHING OF CHORAL MUSIC.
 PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
 2 HOURS
 WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 *SECTION A FOR THE VOCAL-CHORAL EMPHASIS PROGRAM.
 *SECTION B FOR THE INSTRUMENTAL EMPHASIS PROGRAM.

58304	LECT-DISC	*A	11	M	F	CHOS	RHRS	KRAN	KIRK
		*A	3	MTUWTHF		25	S	M H	
58311	LECT-DISC	*B	11	M	F	CHOS	RHRS	KRAN	OLSON
		*B	3	MTUWTHF		116	1203	W NEV	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 300 EIGHTEENTH CENTURY COUNTERPOINT.
 PREREQUISITE: MUSIC 104 AND/OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

58329	LECT-DISC	A	1	M	W	F	116	1203	W NEV	HUNTER
58336	LECT-DISC	B	2	M	W	F	116	1203	W NEV	KELLY
58343	LECT-DISC	C	3	M	W	F	104	1203	W NEV	BINKERD

MUSIC 302 MUSICAL ACOUSTICS, I.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT

58351	LAB-DISC	A	10	M	W		102	S	H	BEAUCHAMP
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MUSIC 304 CONTEMPORARY COMPOSITIONAL TECHNIQUES.
 PREREQUISITE: MUSIC 104, 106, 109, OR CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT
 *SECTION A--COMPOSITION WITH COMPUTER.
 *SECTION B--COMPOSITION FOR JAZZ GROUPS.
 *SECTION C--MICROPHONICS.

58368	LECT-DISC	*A	ARR				310	S	H	BRUN
58375	LECT-DISC	*B	ARR				205	T	A	POWELL
58382	LECT-DISC	*C	ARR				206	T	A	

MUSIC 306 COMPOSITION.
 PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM OR CONSENT OF COMPOSITION FACULTY.
 2 TO 4 HOURS, OR 1/2 OR 1 UNIT

58390	CONF	A	ARR				201	T	A	BINKERD
58401	CONF	B	ARR				305	S	H	POWELL
58418	CONF	C	ARR				200	T	A	KELLY
58425	CONF	D	ARR				203	T	A	FREDRICKSON
58432	CONF	E	ARR				202	T	A	JOHNSTON
58440	CONF	F	ARR				203	T	A	
58457	CONF	G	ARR				203	T	A	

MUSIC 308 ANALYSIS OF MUSICAL FORM.
 PREREQUISITE: MUSIC 104 AND 109, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

58464	LECT-DISC	A	1	M	W	F	8	S	A	FARRELL
58471	LECT-DISC	B	4	M	W	F	8	S	A	JOHNSTON

MUSIC 310 ANCIENT AND MEDIEVAL MUSIC.
 PREREQUISITE: MUSIC 131 OR 214 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

58489	LECT-DISC	A	9	M	W	F	104	1203	W NEV	MACDONALD
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MUSIC 312 MUSIC OF THE SEVENTEENTH CENTURY.
 PREREQUISITE: MUSIC 131 OR 214 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

58496	LECT-DISC	A	10	M	W	F	104	1203	W NEV	FRUM
		A	7-9PM	TU			25	S	M H	

MUSIC 314 MUSIC OF THE NINETEENTH CENTURY.
 PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

58507	LECT-DISC	A	9	M	W	F	25	S	M H	BYRNSIDE
		A	7-9PM	TH			25	S	M H	

MUSIC 317 AREA STUDIES IN ETHNOMUSICOLOGY.
 SAME AS ANTH. 315.
 PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 12 HOUR, OR 2 UNITS
 *3 HOURS OR 1/2 UNIT
 TOPIC: MUSIC OF AFRICA.
 58514 LECT-DISC A 1-4 TH 101 H A NETTL

MUSIC 318 HISTORY OF PERFORMANCE PRACTICES, I.
 PREREQUISITE: SENIOR STANDING IN MUSIC THEORY AND MUSIC HISTORY OR
 CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 58521 LECT-DISC A 1 TU TH 103 S M H HUNTER

MUSIC 330 APPLIED MUSIC PEDAGOGY.
 PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 4 HOURS, OR 1 UNIT
 *2 HOURS OR 1/2 UNIT
 SECTION A IS FOR PIANO MAJORS. SECTION B IS FOR STRING MAJORS.
 SECTION C IS FOR VOICE MAJORS.
 58539 LAB-DISC A 10-12 F 5 P A BERENSON, LYKE
 58546 LAB-DISC B 4 M 202 S A ROLLAND
 B 4-6 TH 202 S A ROLLAND
 58553 LAB-DISC C 9-11 TH 200B S M H BURDETTE

MUSIC 334 THE MUSIC OF AMERICA, I.
 PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 58561 LECT-DISC A 10 M W F 103 S M H HAMM

MUSIC 340 INSTRUMENTAL CLINIC AND BAND PAGEANTRY.
 PREREQUISITE: ADVANCED UNDERGRADUATE OR GRADUATE WITH MAJOR WORK
 OR EXPERIENCE IN BAND OR ORCHESTRA.
 2 HOURS OR 1/2 UNIT
 58578 LECT-DISC A 9-11 M 228 BAND KISINGER
 A 9 W 228 BAND

MUSIC 342 PERCUSSION METHODS.
 PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION, AND
 MUSIC 174 AND 257 OR EQUIVALENT.
 3 HOURS OR 1/2 UNIT
 58585 CONF A 3 MTUWTHF 6 S M H SIWE

MUSIC 343 TESTS AND MEASUREMENT IN MUSIC EDUCATION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 OR 4 HOURS, OR 1/2 OR 1 UNIT
 58592 LECT-DISC A 8 TU TH 116 1203 W NEV COLWELL

MUSIC 344 METHODS OF STRING CLASS TEACHING.
 PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR
 CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT
 58603 LECT-DISC A 7-9PM TH 8 S A D MILLER

MUSIC 346 WORKSHOP IN MUSIC EDUCATION.
 PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR
 CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE TWO UNITS.
 *2 OR 4 HOURS, OR 1/2 OR 1 UNIT
 SECTION B TOPIC: INSTRUMENTAL MUSIC IN THE JUNIOR HIGH SCHOOL.
 58611 LECT-DISC B 3 MTUWTHF 5 S M H COLWELL, KOHU
 WISNIEWSKI

MUSIC 349 MUSIC IN EARLY CHILDHOOD.
 SAME AS H. EC. 349.
 PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD
 DEVELOPMENT.
 2 HOURS OR 1/2 UNIT
 58628 LECT-DISC A 7-9PM TH 100 S H SMITH

COURSES FOR GRADUATES

MUSIC 400 ADVANCED INSTRUMENTATION-CHAMBER AND SYMPHONIC.									
PREREQUISITE: UNDERGRADUATE INSTRUMENTATION.									
1/2 OR 1 UNIT									
58635	LECT-DISC	A	3	TU TH	200	T A			KELLY
MUSIC 402 ANALYSIS IN RELATION TO PERFORMANCE AND INTERPRETATION, I.									
PREREQUISITE: MUSIC 104 OR EQUIVALENT, CONSENT OF INSTRUCTOR.									
1 UNIT									
*ADDITIONAL HOURS TO BE ARRANGED.									
58642	LECT-DISC	A	*1-3	TU TH	104	1203 W NEV			LEONHARD
MUSIC 406 COMPOSITION.									
1/2 TO 1 1/2 UNITS									
58650	CONF	A	ARR		201	T A			BINKERD
58667	CONF	B	ARR		200	T A			KELLY
58674	CONF	C	ARR		203	T A			FREDRICKSON
58681	CONF	D	ARR		202	T A			JOHNSTON
58699	CONF	E	ARR		203	T A			
58700	CONF	F	ARR		203	T A			
MUSIC 410 HISTORY OF MUSIC THEORY.									
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY OR COMPOSITION, OR									
CONSENT OF INSTRUCTOR.									
*STUDENTS MAY ACCUMULATE 2 UNITS									
*1 UNIT									
58717	LECT-DISC	A	11	W	101	H A			I THOMAS
		A	10-12	F	101	H A			
MUSIC 411 INTRODUCTION TO ETHNOMUSICOLOGY.									
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY OR CONSENT									
OF INSTRUCTOR.									
1 UNIT									
58724	LECT-DISC	A	ARR		201	H A			NETTL
MUSIC 414 NOTATION, I.									
PREREQUISITE: CONSENT OF INSTRUCTOR.									
1/2 UNIT									
58731	LECT-DISC	A	2-4	W	101	H A			HAMM
MUSIC 423 SEMINAR IN MUSICOLOGY.									
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY AND MUSIC 321 OR									
CONSENT OF INSTRUCTOR.									
1 UNIT									
58749	LECT-DISC	A	2-5	TU	101	H A			RINGER
58756	LECT-DISC	B	2-5	TU	201	H A			BEHAGUE
MUSIC 432 ADVANCED CHORAL TECHNIQUES.									
PREREQUISITE: GRADUATE STANDING IN MUSIC.									
1 UNIT									
58763	LECT-DISC	A	1-3	TU TH	CHOS RHRSL KRN				KIRK
		A	11	M F	CHOS RHRSL KRN				
MUSIC 434 PIANO LITERATURE.									
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC									
EDUCATION, OR CONSENT OF INSTRUCTOR.									
*STUDENTS MAY ACCUMULATE TWO UNITS.									
*1 UNIT									
58771	LECT-DISC	A	1-3	TU TH	206	S M H			STRAVINSKY
MUSIC 435 VOCAL LITERATURE.									
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC									
EDUCATION, OR CONSENT OF INSTRUCTOR.									
*STUDENTS MAY ACCUMULATE TWO UNITS.									
*1 UNIT									
58788	LECT-DISC	A	1-3	W F	201	S H			DALHEIM
MUSIC 436 ORGAN LITERATURE.									
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC									
EDUCATION, OR CONSENT OF INSTRUCTOR.									
*STUDENTS MAY ACCUMULATE TWO UNITS.									
*1 UNIT									
58795	LECT-DISC	A	3-5	TU F	200	S M H			PETTINGA

MUSIC 437	STRING INSTRUMENT LITERATURE.								
	PREREQUISITE: BACHLOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.								
	*STUDENTS MAY ACCUMULATE TWO UNITS.								
	*1 UNIT								
58806	LECT-DISC	A	2-4	TU TH	102	S A			FARRELL
MUSIC 438	WIND INSTRUMENT LITERATURE.								
	STUDENTS MAY ACCUMULATE TWO UNITS.								
	1 UNIT								
	*SECTION A--WOODWIND AND SECTION B--BRASS.								
58813	LECT-DISC	*A	9	MTUWTHF	2	S M H			WOODWIND FACULTY
58821	LECT-DISC	*B	10	TUWTHF	8	S M H			BRASS FACULTY
MUSIC 439	PERCUSSION INSTRUMENT LITERATURE.								
	PREREQUISITE: GRADUATE STANDING IN THE SCHOOL OF MUSIC AND CONSENT OF INSTRUCTOR.								
	*STUDENTS MAY ACCUMULATE TWO UNITS.								
	*1 UNIT								
58838	CONF	A	ARR		6	S M H			SIWE
MUSIC 440	FOUNDATIONS AND PRINCIPLES OF MUSIC EDUCATION, I.								
	PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION, CONSENT OF INSTRUCTOR.								
	1/2 OR 1 UNIT								
58845	LECT-DISC	A	1-3	M	104	1203 W NEV			LEONHARD
MUSIC 443	ADMINISTRATION AND SUPERVISION OF MUSIC EDUCATION.								
	PREREQUISITE: GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION.								
	1/2 OR 1 UNIT								
58852	LECT-DISC	A	9-11	TH	104	1203 W NEV			BERGETHON
MUSIC 444	THE GENERAL MUSIC PROGRAM IN ELEMENTARY SCHOOLS.								
	PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION.								
	1/2 UNIT								
58860	LECT-DISC	A	9	M W	116	1203 W NEV			R. THOMAS
MUSIC 446	SEMINAR IN EXPERIMENTAL MUSIC, I.								
	PREREQUISITE: MUSIC 303 OR CONSENT OF INSTRUCTOR.								
	1/2 UNIT								
58877	CONF	A	ARR		301	S H			BRUN
MUSIC 450	HISTORY OF VOCAL ENSEMBLE AND CHORAL MUSIC, I.								
	1 UNIT								
58884	LECT-DISC	A	9-11	TU TH	101	H A			J. SMITH

APPLIED MUSIC

NOTE: STUDENTS IN MUSIC CURRICULA RECEIVE THREE OR FOUR HOURS FOR THEIR MAJOR OR PRINCIPAL SUBJECT.

AS A PART OF THE REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE, SENIOR STUDENTS MUST PRESENT A PUBLIC RECITAL WHICH MEETS WITH SCHOOL OF MUSIC FACULTY APPROVAL AND CONFORMS WITH DEPARTMENTAL REQUIREMENTS.

MUSIC STUDENTS RECEIVE TWO HOURS CREDIT FOR THEIR MINOR OR SECONDARY SUBJECT.

STUDENTS FROM OTHER COLLEGES RECEIVE TWO HOURS CREDIT FOR WORK IN APPLIED MUSIC IF IN ACCORDANCE WITH THE REGULATIONS OF THEIR COLLEGE.

PASSING OF A PERFORMING EXAMINATION IS REQUIRED AS A PREREQUISITE TO THE INITIAL REGISTRATION IN ANY APPLIED MUSIC COURSE.

APPLIED MUSIC COURSES FOR UNDERGRADUATES

MUSIC 180					
PIANO.					
2 OR 4 HOURS					
58891	CONF	A	ARR	209	S M H
58902	CONF	B	ARR	204	S M H
58910	CONF	C	ARR	112	S M H
58927	CONF	D	ARR	206	S M H
58934	CONF	E	ARR	201	S M H
58941	CONF	F	ARR	205	S M H
58959	CONF	G	ARR	202	S H
58966	CONF	H	ARR		
58973	CONF	I	ARR		
58981	CONF	J	ARR		
58998	CONF	K	ARR		
59001	CONF	L	ARR		
59018	CONF	M	ARR		
MUSIC 181					
VOICE.					
2 OR 3 HOURS					
59025	CONF	A	ARR	203	S M H
59032	CONF	B	ARR	207	S M H
59040	CONF	C	ARR	202	S M H
59057	CONF	D	ARR	211	S M H
59064	CONF	E	ARR	215	S M H
59071	CONF	F	ARR	200A	S M H
59089	CONF	G	ARR	200B	S M H
59096	CONF	H	ARR	210	S M H
59107	CONF	I	ARR	210	S H
59114	CONF	J	ARR	206	S H
59121	CONF	K	ARR		
59139	CONF	L	ARR		
59146	CONF	M	ARR		
59153	CONF	N	ARR		
MUSIC 182					
ORGAN.					
2 OR 4 HOURS					
59161	CONF	A	ARR	200	S M H
59178	CONF	B	ARR	200	S M H
59185	CONF	C	ARR	105	S M H
MUSIC 183					
VIOLIN.					
2 OR 4 HOURS					
59192	CONF	A	ARR	202	S A
59203	CONF	B	ARR	208	S A
59211	CONF	C	ARR	205	S A
MUSIC 184					
VIOLA.					
2 OR 4 HOURS					
59228	CONF	A	ARR		
59235	CONF	B	ARR	205	S A

KARP
RICHARDS
FLETCHER
STRAVINSKY
SANDERS
HEILES

BAILEY
ELYN
CLARK

W MILLER
BURDETTE
REYNOLDS
WILSON
CRAWFORD

PETTINGA
HAMILTON

ROLLAND
SCHMITT
FARMER

FARMER

MUSIC 185	CELLO.						
	2 OR 4 HOURS						
59242	CONF	A	ARR	201	S A		SWENSON
59250	CONF	B	ARR	105	S A		FARRELL
MUSIC 186	STRING BASS.						
	2 OR 4 HOURS						
59267	CONF	A	ARR	9	S M H		KROLICK
MUSIC 187	FLUTE.						
	2 OR 4 HOURS						
59274	CONF	A	ARR	10	S M H		DELANEY
59281	CONF	B	ARR	10	S M H		
MUSIC 188	CLARINET.						
	2 OR 4 HOURS						
59299	CONF	A	ARR	11	S M H		MCDOWELL
59300	CONF	B	ARR	12	S M H		COGGINS
59317	CONF	C	ARR	12	S M H		DE ROCHE
MUSIC 189	OBOE.						
	2 OR 4 HOURS						
59324	CONF	A	ARR	2	S M H		EDLEFSEN
MUSIC 190	BASSOON.						
	2 OR 4 HOURS						
59331	CONF	A	ARR	105	S H		BERRY
MUSIC 191	CORNET AND TRUMPET.						
	2 OR 4 HOURS						
59349	CONF	A	ARR	14	S M H		SEXTON
59356	CONF	B	ARR	14	S M H		BARROW
MUSIC 192	FRENCH HORN.						
	2 OR 4 HOURS						
59363	CONF	A	ARR	4	S M H		HOLDEN
MUSIC 193	TROMBONE.						
	2 OR 4 HOURS						
59371	CONF	A	ARR	8	S M H		GRAY
MUSIC 194	BARITONE.						
	2 OR 4 HOURS						
59388	CONF	A	ARR	206	P A		PERANTONI
MUSIC 195	TUBA.						
	2 OR 4 HOURS						
59395	CONF	A	ARR	206	P A		PERANTONI
MUSIC 196	PERCUSSION.						
	2 OR 4 HOURS						
59406	CONF	A	ARR	6	S M H		SIWE
59413	CONF	B	ARR	6	S M H		FAIRCHILD
59421	CONF	C	ARR	6	S M H		
MUSIC 197	HARP.						
	2 OR 4 HOURS						
59438	CONF	A	ARR	113	S M H		ROSENFELD
MUSIC 198	ALTO SAXOPHONE.						
	2 OR 4 HOURS						
59445	CONF	A	ARR	12	S M H		COGGINS

MUSIC 199	HARPSICHORD.					
2 OR 4 HOURS						
59452	CONF	A	ARR	101	S M H	HUNTER

APPLIED MUSIC COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PREREQUISITE: FOR STUDENTS IN THE BACHELOR OF MUSIC CURRICULUM, JUNIOR STANDING IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN MUSIC EDUCATION, COMPLETION OF THE CURRICULAR REQUIREMENT IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY, COMPLETION OF FOUR SEMESTERS IN THE COMPARABLE APPLIED MUSIC COURSE AT THE 100 LEVEL. QUALIFYING EXAM FOR TRANSFER STUDENTS.

MUSIC 380	PIANO.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59460	CONF	A	ARR	209	S M H	KARP
59477	CONF	B	ARR	204	S M H	RICHARDS
59484	CONF	C	ARR	112	S M H	FLETCHER
59491	CONF	D	ARR	206	S M H	STRAVINSKY
59502	CONF	E	ARR	201	S M H	SANDERS
59510	CONF	F	ARR	205	S M H	HEILES
59527	CONF	G	ARR	202	S H	

MUSIC 381	VOICE.					
2 OR 3 HOURS, OR 1/2 OR 1 UNIT						
59534	CONF	A	ARR	203	S M H	BAILEY
59541	CONF	B	ARR	207	S M H	ELYN
59559	CONF	C	ARR	202	S M H	CLARK
59566	CONF	D	ARR	211	S M H	
59573	CONF	E	ARR	215	S M H	
59581	CONF	F	ARR	200A	S M H	W MILLER
59598	CONF	G	ARR	200B	S M H	BURDETTE
59609	CONF	H	ARR	210	S M H	REYNOLDS
59616	CONF	I	ARR	210	S H	WILSON
59623	CONF	J	ARR	206	S H	CRAWFORD
59631	CONF	K	ARR			

MUSIC 382	ORGAN.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59648	CONF	A	ARR	200	S M H	PETTINGA
59655	CONF	B	ARR	200	S M H	HAMILTON

MUSIC 383	VIOLIN.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59662	CONF	A	ARR	202	S A	ROLLAND
59670	CONF	B	ARR	208	S A	SCHMITT
59687	CONF	C	ARR	205	S A	FARMER

MUSIC 384	VIOLA.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59694	CONF	A	ARR			

MUSIC 385	CELLO.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59705	CONF	A	ARR	201	S A	SWENSON
59712	CONF	B	ARR	105	S A	FARRELL

MUSIC 386	STRING BASS.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59720	CONF	A	ARR	9	S M H	KROLICK

MUSIC 387	FLUTE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59737	CONF	A	ARR	10	S M H	DELANEY

MUSIC 388	CLARINET.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59744	CONF	A	ARR	11	S M H	MCDOWELL
59751	CONF	B	ARR	12	S M H	COGGINS

MUSIC 389	OBOE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59769	CONF	A	ARR	2	S M H	EDLEFSEN
MUSIC 390	BASSOON.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59776	CONF	A	ARR	105	S H	BERRY
MUSIC 391	CORNET AND TRUMPET.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59783	CONF	A	ARR	14	S M H	SEXTON
MUSIC 392	FRENCH HORN.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59791	CONF	A	ARR	4	S M H	HOLDEN
MUSIC 393	TROMBONE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59801	CONF	A	ARR	8	S M H	GRAY
MUSIC 394	BARITONE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59819	CONF	A	ARR	206	P A	PERANTONI
MUSIC 395	TUBA.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59826	CONF	A	ARR	206	P A	PERANTONI
MUSIC 396	PERCUSSION.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59833	CONF	A	ARR	6	S M H	SIWE
59841	CONF	B	ARR	6	S M H	FAIRCHILD
MUSIC 397	HARP.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59858	CONF	A	ARR	113	S M H	ROSENFIELD
MUSIC 398	SAXOPHONE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59865	CONF	A	ARR	12	S M H	COGGINS
MUSIC 399	HARPSICHORD.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
59872	CONF	A	ARR	101	S M H	HUNTER

APPLIED MUSIC COURSES FOR GRADUATES

MUSIC 480	PIANO.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
59880	CONF	A	ARR	209	S M H	KARP
59897	CONF	B	ARR	204	S M H	RICHARDS
59908	CONF	C	ARR	112	S M H	FLETCHER
59915	CONF	D	ARR	206	S M H	STRAVINSKY
59922	CONF	E	ARR	201	S M H	SANDERS
59930	CONF	F	ARR	205	S M H	HEILES
59947	CONF	G	ARR	202	S H	
MUSIC 481	VOICE.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
59954	CONF	A	ARR	203	S M H	BAILEY
59961	CONF	B	ARR	207	S M H	ELYN
59979	CONF	C	ARR	202	S M H	CLARK
59986	CONF	D	ARR	211	S M H	
59993	CONF	E	ARR	215	S M H	
60000	CONF	F	ARR	200A	S M H	W MILLER
60017	CONF	G	ARR	200B	S M H	BURDETTE
60024	CONF	H	ARR	210	S M H	REYNOLDS
60031	CONF	I	ARR	210	S H	WILSON

MUSIC 482	ORGAN.					
	PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.					
	1/2 OR 1 UNIT					
60049	CONF	A	ARR	200	S M H	PETTINGA
60056	CONF	B	ARR	200	S M H	HAMILTON
MUSIC 483	STRING INSTRUMENTS.					
	PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.					
	1/2 OR 1 UNIT					
60063	CONF	A	ARR	9	S M H	KROLICK AND STRING FACULTY
MUSIC 484	WIND INSTRUMENTS.					
	PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.					
	1/2 OR 1 UNIT					
60071	CONF	A	ARR	11	S M H	MCDOWELL AND WIND FACULTY
MUSIC 485	PERCUSSION INSTRUMENTS.					
	PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.					
	1/2 OR 1 UNIT					
60088	CONF	A	ARR	6	S M H	SIWE
MUSIC 489	DOCTORAL PROJECTS.					
	OPEN ONLY TO STUDENTS IN THE DOCTOR OF MUSICAL ARTS PROGRAM.					
	PREREQUISITE: CONSENT OF INSTRUCTOR.					
	1 TO 3 UNITS					
60095	CONF	A	ARR	210	1203 W NEV	
MUSIC 499	THESIS RESEARCH.					
	PREREQUISITE: CONSENT OF ADVISOR.					
	0 TO 4 UNITS					
60106	CONF	A	ARR	210	1203 W NEV	

SUPPLEMENTARY INSTRUMENTS

NOTE: THESE COURSES ARE OPEN AS ELECTIVES TO STUDENTS FROM OTHER COLLEGES. IN COURSES INVOLVING TWO INSTRUMENTS, TWO DAYS A WEEK ARE SPENT ON EACH INSTRUMENT FOR THE ENTIRE SEMESTER. PREREQUISITE FOR ALL NON-MUSIC STUDENTS: CONSENT OF INSTRUCTOR.

COURSES FOR UNDERGRADUATES

MUSIC 170	STRING INSTRUMENTS.					
	PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.					
	2 HOURS					
	*SECTION A IS FOR BEGINNERS. SECTION B IS FOR ADVANCED STUDENTS.					
60113	LAB-DISC	*A	9	MTUWTHF	5 S M H	KROLICK AND D MILLER
60121	LAB-DISC	*B	10	MTUWTHF	5 S M H	
MUSIC 171	CLARINET.					
	2 HOURS					
60138	LAB-DISC	A	8	MTUWTHF	5 S M H	DE ROCHE COGGINS
60145	LAB-DISC	B	9	MTUWTHF	12 S M H	
MUSIC 172	CORNET OR TRUMPET.					
	2 HOURS					
60152	LAB-DISC	A	8	MTUWTHF	14 S M H	BARROW
60160	LAB-DISC	B	9	MTUWTHF	14 S M H	
MUSIC 173	FLUTE AND SAXOPHONE.					
	PREREQUISITE: MUSIC 171.					
	2 HOURS					
60177	LAB-DISC	A	10	MTUWTHF	10 S M H	COGGINS AND DELANEY

MUSIC 174 FRENCH HORN AND PERCUSSION.

PREREQUISITE: MUSIC 172.

2 HOURS

60184 LAB-DISC A 10 MTUWTHF 4 S M H

HOLDEN AND
FAIRCHILD

MUSIC 175 TROMBONE, BARITONE, AND TUBA.

PREREQUISITE: MUSIC 172.

2 HOURS

60191 LAB-DISC A 8 MTUWTHF 25 S M H

PERANTONI

MUSIC 176 OBOE AND BASSOON.

PREREQUISITE: MUSIC 171.

2 HOURS

60202 LAB-DISC A 1 MTUWTHF 2 S M H

BERRY AND
EDLEFSEN

MUSIC 177 CLASS PIANO INSTRUCTION.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS

*FOR NON-MUSIC STUDENTS ONLY

SECTIONS A-G: LEVEL ONE.

SECTIONS H-K: LEVEL TWO.

SECTIONS L-Q: LEVEL THREE.

SECTIONS R-U: LEVEL FOUR.

60266	LAB-DISC	*A	8	M W	5	P A	MARSHALL
60210	LAB-DISC	B	1	TU TH	5	P A	ELLISTON
60273	LAB-DISC	*C	11	M W	5	P A	BERENSON
60227	LAB-DISC	D	9	TU TH	5	P A	LYKE
60234	LAB-DISC	E	9	M W	5	P A	ELLISTON
60241	LAB-DISC	F	1	M W	5	P A	ELLISTON
60259	LAB-DISC	G	2	M W	5	P A	BERENSON
60281	LAB-DISC	H	8	TU TH	3	P A	MARSHALL
60298	LAB-DISC	I	10	TU TH	3	P A	BERENSON
60309	LAB-DISC	J	8	M W	3	P A	
60316	LAB-DISC	K	9	M W	3	P A	MARSHALL
60323	LAB-DISC	L	2	M W	3	P A	MARSHALL
60331	LAB-DISC	M	1	TU TH	3	P A	BERENSON
60348	LAB-DISC	N	10	M W	3	P A	ELLISTON
60355	LAB-DISC	O	3	TU TH	3	P A	LYKE
60362	LAB-DISC	P	9	TU TH	3	P A	BERENSON
60370	LAB-DISC	Q	2	TU TH	3	P A	LYKE
60387	LAB-DISC	R	7PM	TU TH	5	P A	MARSHALL
60394	LAB-DISC	S	1	M W	3	P A	MARSHALL
60405	LAB-DISC	T	12	M W	5	P A	
60412	LAB-DISC	U	12	TU TH	5	P A	MARSHALL

MUSIC 178 CLASS INSTRUCTION IN VOICE.

FOR MUSIC AND MUSIC EDUCATION STUDENTS ONLY.

2 HOURS

60420	LAB-DISC	A	9	TU TH	203	S M H	BAILEY
60437	LAB-DISC	B	2	TU TH	206	S H	CRAWFORD
60444	LAB-DISC	C	10	TU TH	203	S M H	VICKERMAN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 377 CLASS PIANO (ADVANCED).

PREREQUISITE: MUSIC 180 (12 HOURS COMPLETED), 104 AND 109.

OR CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE 4 HOURS OR 1 UNIT.

*2 HOURS OR 1/2 UNIT

SECTIONS A AND B: LEVEL ONE.

SECTION C: LEVEL TWO.

60451	LAB-DISC	A	10	TU TH	5	P A	LYKE
60469	LAB-DISC	B	3	TU TH	5	P A	ELLISTON
60476	LAB-DISC	C	2	TU TH	5	P A	BERENSON

ENSEMBLE COURSES

NOTE: ALL ENSEMBLE COURSES REQUIRE CONSENT OF INSTRUCTOR.

FOR BAND ENSEMBLES SEE BANDS.

COURSES FOR ADVANCED UNDERGRADUATES

MUSIC 250	UNIVERSITY ORCHESTRA.									
	1/2 HOUR									
60483	PRACT	A	730PM	M		ORCH RHRSL KLAN		GOODMAN		
		A	4		W F	ORCH RHRSL KLAN		GOODMAN		
MUSIC 251	CHAMBER ORCHESTRA.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1/2 HOUR									
60491	PRACT	A	11	MTU		ORCH RHRSL KLAN				
		A	11		W	A ENSEMBLE KLAN				
MUSIC 252	WIND ENSEMBLE.									
	1/2 HOUR									
60501	PRACT	A	11-1230		W F	ORCH RHRSL KLAN		GRAY		
MUSIC 253	COLLEGIUM MUSICUM.									
	1/2 HOUR									
60519	PRACT	A	ARR			101 S M H		HUNTER		
MUSIC 254	STRING ENSEMBLE.									
	1/2 HOUR									
	*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.									
60526	PRACT	*A	ARR			9 S M H		KROICK AND STRING FACULTY		
MUSIC 255	WOODWIND ENSEMBLE.									
	1/2 HOUR									
	*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.									
60533	PRACT	*A	ARR			11 S M H		MCDOWELL AND WOODWIND FACULTY		
MUSIC 256	BRASS ENSEMBLE.									
	1/2 HOUR									
60541	PRACT	A	11	M W F		14 S M H		GRAY, HOLDEN, SEXTON, & PERANTONI		
MUSIC 257	PERCUSSION ENSEMBLE.									
	1/2 HOUR									
	*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.									
60558	PRACT	*A	ARR			6 S M H		SIWE AND FAIRCHILD		
MUSIC 258	PIANO ENSEMBLE.									
	1/2 HOUR									
60565	PRACT	A	4-6	M		112 S M H		FLETCHER		
MUSIC 259	ORGAN KEYBOARD TECHNIQUES.									
	1 HOUR									
60572	CONF	A	ARR			200 S M H		HAMILTON AND PETTINGA		
MUSIC 260	ORATORIO SOCIETY.									
	1/2 HOUR									
	NOTE: OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.									
60580	PRACT	A	8-950PM	TH		CHOS RHRSL KLAN		DECKER		

MUSIC 261	UNIVERSITY CHORUS.						
	OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.						
	1/2 HOUR						
	*SECTION B IS FOR OPERA CHORUS.						
60597	PRACT	A	630-8PM	M W	CHOS RHRSL KLAN		
60608	PRACT	*B	4-530	TU TH	A ENSEMBLE KLAN		
MUSIC 262	WOMENS GLEE CLUB.						
	OPEN TO ALL WOMEN STUDENTS.						
	1/2 HOUR						
60615	PRACT	A	4-530	TU TH	CHOS RHRSL KLAN		OLSON
MUSIC 263	MENS GLEE CLUB.						
	OPEN TO ALL MEN STUDENTS.						
	1/2 HOUR						
60622	PRACT	A	630-8PM	TU TH	CHOS RHRSL KLAN		OLSON
MUSIC 264	UNIVERSITY CHOIR.						
	1/2 HOUR						
60630	PRACT	A	4-515	M W F	CHOS RHRSL KLAN		DECKER
MUSIC 265	OPERA WORKSHOP AND ENSEMBLE.						
	1/2 HOUR						
60647	PRACT	A	3-6	TU TH	OPERA RHRSL KLAN		ZIRNER
MUSIC 266	JAZZ BAND.						
	PREREQUISITE: CONSENT OF INSTRUCTOR, DETERMINED BY AUDITIONS.						
	1/2 HOUR						
60654	PRACT	A	ARR		ORCH RHRSL KLAN		GARVEY
60661	PRACT	B	ARR				GARVEY
60679	PRACT	C	ARR				GARVEY
60686	PRACT	D	ARR				GARVEY
MUSIC 267	HARP ENSEMBLE.						
	PREREQUISITE: MUSIC 197 AND/OR 397.						
	1/2 HOUR						
60693	CONF	A	ARR		113 S M H		ROSENFELD
MUSIC 268	SMALL CHORAL ENSEMBLES.						
	1/2 HOUR						
60704	PRACT	B	12	M W	CHOS RHRSL KLAN		HUNTER
		B	12	F	A ENSEMBLE KLAN		
MUSIC 269	MUSIC CONVOCATIONS AND CONCERTS.						
	0 CREDIT						
	*EVENING CONCERTS TO BE ARRANGED.						
60711	LAB	B	*11	TH	RECITAL HALL		
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES							
MUSIC 350	ADVANCED ENSEMBLE MUSIC.						
	PREREQUISITE: REGISTRATION IN APPLIED MUSIC AT THE 300 LEVEL AND CONSENT OF INSTRUCTOR.						
	2 HOURS OR 1/2 UNIT						
	*SECTION A IS FOR INSTRUMENTAL, SECTION B FOR OPERATIC, SECTION C FOR COLLEGIUM, SECTION D FOR CONTEMPORARY MUSIC, SECTION E FOR CONTEMPORARY PIANO IMPROVISATION, SECTION F FOR UNIVERSITY CHORALE.						
60729	PRACT	*A	ARR		9 S M H		KROLICK AND STAFF
60736	PRACT	*B	3-5	M W	OPERA RHRSL KLAN		ZIRNER
60743	PRACT	*C	ARR		101 S M H		HUNTER
60751	PRACT	*D	ARR				
60768	PRACT	*E	3	M W	5 P A		ELLISTON
60775	PRACT	F	12	TU TH	CHOS RHRSL KLAN		DECKER

VOCAL DICTION COURSES

COURSES FOR UNDERGRADUATES

MUSIC 166 ENGLISH DICTION.

PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

60782	CONF	A	ARR	203	S M H	BAILEY
60790	CONF	B	ARR	207	S M H	ELYN
60801	CONF	C	ARR	202	S M H	CLARK
60818	CONF	D	ARR			
60825	CONF	E	ARR			
60832	CONF	F	ARR	200A	S M H	W MILLER
60840	CONF	G	ARR	200B	S M H	BURDETTE
60857	CONF	H	ARR	210	S M H	REYNOLDS
60864	CONF	I	ARR	219	S H	WILSON
60871	CONF	J	ARR	206	S H	CRAWFORD
60889	CONF	K	ARR			

MUSIC 167 ITALIAN DICTION.

PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

60896	LAB-DISC	A	2	TU TH	25	S M H	VICKERMAN
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MUSIC 168 GERMAN DICTION.

PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

60907	LAB-DISC	A	2	TU TH	215	S M H	ELYN
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MUSIC 169 FRENCH DICTION.

PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

60914	LAB-DISC	A	9	TU TH	116	1203 W NEV	CLARK
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 366 VOCAL REPERTOIRE, I.

PREREQUISITE: JUNIOR STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 381.

1 HOUR

60921	LAB-DISC	A	1	TU TH	210	S H	WILSON
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MUSIC LITERATURE COURSES

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 320 PROSEMINAR.

PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION, CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 8 HOURS OR 2 UNITS.
 *2 OR 4 HOURS, OR 1/2 OR 1 UNIT
 SECTION A TOPIC: INDIVIDUAL PROJECTS.
 SECTION B TOPIC: PROSEMINAR IN MUSIC EDUCATION.
 SECTION C TOPIC: CHORAL LAB.
 SECTION D TOPIC: PERFORMANCE PROBLEMS IN BAROQUE KEYBOARD MUSIC;
 BACH DARTITAS.
 SECTION E TOPIC: COMPOSITIONAL ASPECTS OF CHORAL MUSIC.

60939 CONF A ARR 202 H A

NETTL AND
GRADUATE
FACULTY
LEONHARD
DECKER
J. SMITH
HUNTER
BINKERD

60946 LECT-DISC B 4-6 M 116 1203 W NEV
 60953 LAB-DISC C 9 M W F CHOS RHRSL KRAN
 60961 LAB-DISC D ARR 101 S M H
 60978 LECT-DISC E 4-6 M 103 S M H

MUSIC 322 INTRODUCTION TO MUSICOLOGY.

PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 6 HOURS, OR 2 UNITS.
 *3 HOURS, OR 1/2 OR 1 UNIT

60985 LECT-DISC A 1 TU 201 H A
 A 1-3 TH 201 H A

KELLMAN

MUSIC 323 OPERA PRODUCTION, I.

PREREQUISITE: MUSIC 265, 381, AND CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

60992 CONF A ARR OPERA RHRSL KRAN

ZIRNER

COURSES FOR GRADUATES

MUSIC 420 SEMINAR IN MUSIC LITERATURE.

REQUIRED OF ALL STUDENTS ENROLLED IN THE DOCTORAL MUSICAL ARTS PROGRAM.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE TWO UNITS.

*1 UNIT
 61005 LECT-DISC A 2-5 W 201 H A

I. THOMAS

MUSIC 421 RESEARCH IN MUSIC EDUCATION.

REQUIRED OF ALL CANDIDATES FOR THE DOCTOR OF EDUCATION DEGREE IN MUSIC EDUCATION.
 PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.

1 UNIT
 61012 LECT-DISC A 9-11 TU 104 1203 W NEV

BERGETHON

MUSIC 422 SEMINAR IN THEORY OF MUSIC.

PREREQUISITE: GRADUATE STANDING IN MUSIC THEORY OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT
 61020 LECT-DISC A 10 TU TH 116 1203 W NEV

MUSIC 424 SEMINAR IN THE WORKS OF A SELECTED COMPOSER.

PREREQUISITE: MUSIC 213-214 AND TWO OF THE FOLLOWING:
 MUSIC 310, 311, 312, 313, 315, OR EQUIVALENT.
 *STUDENTS MAY ACCUMULATE TWO UNITS.

*1 UNIT
 TOPIC: BEETHOVEN.
 61037 LECT-DISC A 9 M W F 101 H A

FRUM

MUSIC 428 PROBLEMS AND METHODS.

REQUIRED OF ALL STUDENTS IN THE MASTER OF MUSIC PROGRAM EXCEPT THOSE MAJORING IN MUSICOLOGY.
 1 UNIT

61044 LECT-DISC A 9-12 TU 201 H A
 61051 LECT-DISC B 9-12 TH 201 H A

MACDONALD
BEHAGUE

NAVAL SCIENCE

DEPARTMENT OFFICE

239 ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED.

ALL UNITS BATTALION PARADE 3-5

THURS, DEC 17, 1970

COURSES FOR UNDERGRADUATES

N S	100. NAVAL SCIENCE LABORATORY. REQUIRED OF ALL NROTC STUDENTS. 0 CREDIT									
	61069	LAB	A	3-5	TH	101	ARMORY	STAFF		
			A	3-5	TH	ARMORY FLOOR		STAFF		
	61076	LAB	B	3-5	TH	349	ARMORY	STAFF		
			B	3-5	TH	ARMORY FLOOR		STAFF		
	61083	LAB	C	3-5	TH	137	ARMORY	BEAUDRY		
			C	3-5	TH	ARMORY FLOOR		STAFF		
	61091	LAB	D	3-5	TH	250	ARMORY	STAFF		
			D	3-5	TH	ARMORY FLOOR		STAFF		
	61101	LAB	E	3-5	TH	253	ARMORY	MCHENRY		
			E	3-5	TH	ARMORY FLOOR		MCHENRY		
	61119	LAB	F	3-5	TH	136	ARMORY	MCHENRY		
			F	3-5	TH	ARMORY FLOOR		MCHENRY		

N S	111. PRINCIPLES OF NAVAL ORGANIZATION AND MANAGEMENT. PREREQUISITE: APPROVAL OF PROFESSOR OF NAVAL SCIENCE; REGISTRATION IN N. S. 100. 3 HOURS									
	61126	LECT-DISC	B	9	M W F	253	ARMORY	STAFF		
	61133	LECT-DISC	C	10	M W F	101	ARMORY	STAFF		

COURSES FOR ADVANCED UNDERGRADUATES

N S	231. NAVIGATION AND NAVAL OPERATIONS, I. PREREQUISITE: JUNIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM; REGISTRATION IN N. S. 100. 3 HOURS									
	61141	LECT-DISC	N	10-1130	TU TH	250	ARMORY	BEAUDRY		
N S	241. NAVAL WEAPONS SYSTEMS, I. PREREQUISITE: SENIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM; REGISTRATION IN N. S. 100. 3 HOURS									
	61158	LECT-DISC	B	9	M W F	250	ARMORY			
	61165	LECT-DISC	C	10	M W F	250	ARMORY			
N S	293. HISTORY OF AMPHIBIOUS WARFARE. PREREQUISITE: SENIOR STANDING IN NROTC, REGISTRATION IN N. S. 100. 3 HOURS									
	61172	LECT	M	9-1030	TU TH	253	ARMORY	MCHENRY		

NUCLEAR ENGINEERING

DEPARTMENT OFFICE

214 N E L

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NUC E 302	NUCLEAR POWER ENGINEERING. SAME AS M. E. 302. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	61180	LECT-DISC	9	M W F	235	M E B
NUC E 347	INTRODUCTION TO NUCLEAR ENGINEERING. PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382, OR EQUIVALENT. 4 HOURS OR 1 UNIT	61197	LECT-DISC	8 9	W M W F	203	N E L 203 N E L
NUC E 397	RADIOCHEMISTRY. SAME AS CHEM. 397. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	61208	LECT	10	TU TH S	161	N L
NUC E 398	RADIOCHEMISTRY LABORATORY. SAME AS CHEM. 398. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT	61215	DISC LAB	11 1-4	S TU	111 20	N L N L

COURSES FOR GRADUATES

NUC E 401	FUNDAMENTALS OF NUCLEAR ENGINEERING. PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382 OR EQUIVALENT, AND CREDIT IN MATH. 345, OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 1 UNIT	61222	LECT-DISC	8	MTU THF	203	N E L
NUC E 431	NUCLEAR METALLURGY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	61230	LECT-DISC LAB	11 ARR	M W F	203	N E L
NUC E 441	NUCLEAR RADIATION SHIELDING. PREREQUISITE: NUC. E. 349, AND CREDIT OR REGISTRATION IN NUC. E. 455; CONSENT OF INSTRUCTOR. 1 UNIT	61247	LECT-DISC	2	M W F	203	N E L
NUC E 451	REACTOR LABORATORY. PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	61254	DISC	1	F	203	N E L
		61261	LAB	A 1-5	M		NUC REACTOR LAB
		61279	LAB	B 1-5	TH		NUC REACTOR LAB
NUC E 454	NUCLEAR ENGINEERING LABORATORY INVESTIGATIONS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 TO 2 UNITS	61286	CONF	ARR			
NUC E 458	NUCLEAR REACTOR ENGINEERING. PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR. 1 UNIT	61293	LECT-DISC	8-10	TU TH	211	N E L

STAFF

NUC E 490 SPECIAL TOPICS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 *SECTION A: FAST REACTORS.
 *SECTION D: DIRECT CONVERSION.
 61304 LECT-DISC *A 10 M W F 203 N E L
 61311 LECT-DISC *D 10-12 TU TH 203 N E L

NUC E 495 NUCLEAR ENGINEERING PROBLEMS.
 PREREQUISITE: AT LEAST THREE UNITS OF GRADUATE WORK AND
 CONSENT OF INSTRUCTOR.
 1/4 TO 2 UNITS
 61329 CONF ARR STAFF

NUC E 497 SEMINAR IN NUCLEAR SCIENCE AND ENGINEERING.
 0 CREDIT
 61336 LECT-DISC A 4 TU 203 N E L
 61343 LECT-DISC B 4 W 203 N E L

NUC E 499 THESIS RESEARCH.
 0 TO 4 UNITS
 61351 CONF ARR STAFF

OCCUPATIONAL THERAPY

DEPARTMENT OFFICE 1207 W. OREGON

COURSES FOR UNDERGRADUATES

O T 100 OCCUPATIONAL THERAPY ORIENTATION.
 PREREQUISITE: REGISTRATION IN THE OCCUPATIONAL THERAPY CURRICULUM.
 2 HOURS
 61368 LECT-DISC 1 TU TH 148 ADMIN B. D. WADE

PERSIAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

PERS 201 ELEMENTARY PERSIAN, I.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 5 HOURS
 61375 LECT-DISC 11 MTUWTHF 405 M H NETZER

PERS 205 INTRODUCTION TO PERSIAN CULTURE AND LITERATURE.
 3 HOURS
 61382 LECT-DISC ARR TIKKO

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PERS 303 INTERMEDIATE PERSIAN, I.
 PREREQUISITE: PERS. 202 OR CONSENT OF INSTRUCTOR.
 5 HOURS OR 1 UNIT
 61390 LECT-DISC 10 MTUWTHF 405 M H NETZER

PERS 305 ADVANCED PERSIAN, I.
 PREREQUISITE: PERS. 304 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 61401 LECT-DISC ARR NETZER

PETROLEUM ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PET E 371 RESERVOIR MECHANICS, I.
PREREQUISITE: MATH. 345 AND T. A. M. 235.
3 HOURS OR 1 UNIT
61418 LECT-DISC ARR

PHILOSOPHY

DEPARTMENT OFFICE

105 G H

MAJOR: TWENTY HOURS FROM ANY COURSES OFFERED BY THE DEPARTMENT, INCLUDING PHIL. 102, 303, 306, 321, AND ONE ADDITIONAL 300 COURSE IN PHILOSOPHY.

MINORS: TWENTY COURSE HOURS FROM THE SUBJECTS RECOGNIZED AS MAJORS BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR FROM ANY APPROVED LAS INTERDEPARTMENTAL CURRICULUM, OR FROM EDUCATION OR LIBRARY SCIENCE OR LINGUISTICS. RHETORIC 101, 102, 107, 108, FIRST-YEAR MODERN FOREIGN LANGUAGE COURSES, AND COURSES IN APPLIED MUSIC ARE EXCLUDED. IF TWO DEPARTMENTS OR CURRICULA ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

FRESHMAN JAMES SCHOLARS ARE AUTOMATICALLY PERMITTED TO TAKE ANY 100 LEVEL PHILOSOPHY COURSE.

COURSES FOR UNDERGRADUATES

PHIL 101 INTRODUCTION TO PHILOSOPHY.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS

61425	LECT-DISC	A1	8	M W F	327	G H	
61432	LECT-DISC	A2	8	M W F	321	G H	
61440	LECT-DISC	B1	9	M W F	327	G H	TURQUETTE SHWAYDER
61457	LECT-DISC	C	10	M W F	207	G H	
61464	LECT-DISC	D1	11	M W F	207	G H	
61471	LECT-DISC	D2	11	M W F	336	G H	
61489	LECT-DISC	E1	1	M W F	327	G H	CHANDLER
61496	LECT-DISC	E2	1	M W F	207	G H	
61507	LECT-DISC	F1	2	M W F	207	G H	SHAPIRA
61514	LECT-DISC	F2	2	M W F	207	PSYCH BLDG	
61521	LECT-DISC	G1	3	M W F	327	G H	FABER
61539	LECT-DISC	G2	3	M W F	311	G H	
61546	LECT-DISC	L	830-10	TU TH	336	G H	
61553	LECT-DISC	M	9-1030	TU TH	327	G H	
61561	LECT-DISC	R	1-230	TU TH	311	G H	
61578	LECT-DISC	S	230-4	TU TH	311	G H	

PHIL 102 LOGIC.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS

61585	LECT-DISC	A	8	M W F	336	G H	
61592	LECT-DISC	B	9	M W F	311	G H	HUGLY
61603	LECT-DISC	C	10	M W F	336	G H	
61611	LECT-DISC	D	11	M W F	321	G H	
61628	LECT-DISC	E	1	M W F	321	G H	WENGERT
61635	LECT-DISC	F	2	M W F	196	L H	
61642	LECT-DISC	G	3	M W F	321	G H	
61650	LECT-DISC	M	9-1030	TU TH	321	G H	
61667	LECT-DISC	N	1030-12	TU TH	321	G H	
61674	LECT-DISC	R	1-230	TU TH	207	G H	
61681	LECT-DISC	S	2-330	TU TH	336	G H	

PHIL 103 ETHICS AND SOCIAL POLICY.
 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
 *CREDIT IS NOT GIVEN FOR BOTH PHIL. 103 AND 105.
 *4 HOURS
 61699 LECT-DISC 11 MTUWTH 311 G H WERNER

PHIL 105 MORAL IDEAS AND PRACTICE.
 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
 *CREDIT IS NOT GIVEN FOR BOTH PHIL. 105 AND 103.
 *2 HOURS
 61700 LECT-DISC A 8 M W 207 G H
 61717 LECT-DISC F 2 M W 321 G H
 61724 LECT-DISC H 4 M W 207 G H
 61731 LECT-DISC L 8 TU TH 327 G H
 61749 LECT-DISC N 10 TU TH 336 G H
 61756 LECT-DISC P 11 TU TH 336 G H
 61763 LECT-DISC R 1 TU TH 336 G H
 61771 LECT-DISC S 2 TU TH 321 G H
 61788 LECT-DISC T 3 TU TH 321 G H

PHIL 110 WORLD RELIGIONS.
 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
 3 HOURS
 61795 LECT P 11 TU TH 112 G H TIEBOUT
 61806 DISC E1 1 W 336 G H
 61813 DISC E2 1 F 336 G H
 61821 DISC L1 8 TU 207 G H
 61838 DISC L2 8 TH 207 G H
 61845 DISC L3 8 F 207 G H
 61852 DISC M 9 TU 9 G H
 61860 DISC N1 10 TU 311 G H
 61877 DISC N2 10 TH 311 G H
 61884 DISC P3 11 F 311 G H
 61891 DISC S 2 F 321 G H
 61902 DISC U1 4 M 321 G H
 61910 DISC U2 4 TU 321 G H
 61927 DISC U3 4 W 321 G H
 61934 DISC U4 4 TH 321 G H

PHIL 170 PHILOSOPHY OF SCIENCE.
 PREREQUISITE: SOPHOMORE STANDING, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 61941 LECT-DISC B1 9 M W F 321 G H SUPPE

PHIL 195 FRESHMAN SEMINAR.
 PREREQUISITE: JAMES SCHOLAR--FRESHMAN STANDING.
 3 HOURS
 61959 LECT-DISC N 1030-12 TU TH 107 G H NEELY

PHIL 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 61966 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

PHIL 291 READING COURSE.
 PREREQUISITE: OPEN TO JUNIORS AND SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.
 *COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.
 *2 TO 4 HOURS
 61973 CONF ARR

PHIL 292 THESIS.
 PREREQUISITE: OPEN TO SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.
 *COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.
 *2 TO 4 HOURS
 61981 CONF ARR

PHIL 295 SENIOR SEMINAR.
 PREREQUISITE: OPEN TO SENIOR PHILOSOPHY MAJORS WITH A GENERAL
 GRADE-POINT AVERAGE OF 4.0 ONLY WITH CONSENT OF INSTRUCTOR.
 *COURSE MAY BE REPEATED TO A TOTAL OF 6 HOURS CREDIT.
 *3 HOURS
 61998 LECT-DISC 1-3 F 107 G H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOPHOMORE JAMES SCHOLARS WHO HAVE HAD NO PHILOSOPHY COURSES ARE
 PERMITTED TO TAKE PHIL. 303, 306, 307, AND 308. THOSE WHO HAVE
 HAD A PHILOSOPHY COURSE MAY TAKE ANY 300-LEVEL PHILOSOPHY COURSE.

PHIL 303 HISTORY OF GREEK AND ROMAN PHILOSOPHY.
 4 HOURS OR 1 UNIT
 *SECTIONS &P1 AND &T1 ARE FOR GRADUATE STUDENTS, PHILOSOPHY MAJORS,
 AND JAMES SCHOLARS.
 62001 LECT N 10 TU TH 213 G H ROBISON
 62071 DISC *&P1 11 TU 327 G H
 62018 DISC P2 11 TH 327 G H
 62025 DISC R1 1 TU 321 G H
 62032 DISC R2 1 TH 321 G H
 62040 DISC S1 2 TU 9 G H
 62057 DISC S2 2 TH 9 G H
 62089 DISC *&T1 3 TU 207 G H
 62064 DISC T2 3 TH 207 G H

PHIL 316 ANGLO-AMERICAN PHILOSOPHY SINCE 1900.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS OR 1 UNIT
 62096 LECT-DISC C 10 M W F 321 G H HUGLY

PHIL 321 ETHICS AND VALUE THEORY.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS, OR 3/4 OR 1 UNIT
 62107 LECT-DISC D 10 M W F 311 G H

PHIL 322 RECENT DEVELOPMENTS IN ETHICS.
 PREREQUISITE: PHIL. 103, 105, OR 321.
 3 HOURS, OR 3/4 OR 1 UNIT
 62114 LECT-DISC G 3 M W F 336 G H

PHIL 323 PHILOSOPHY OF ART.
 3 HOURS, OR 3/4 OR 1 UNIT
 62121 LECT-DISC C 1 M W F 112 C A SCHACHT

PHIL 324 PHILOSOPHY OF RELIGION.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS, OR 3/4 OR 1 UNIT
 62139 LECT-DISC R 130-3 TU TH 327 G H ROBISON

PHIL 325 PHILOSOPHY OF MIND.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS, OR 3/4 OR 1 UNIT
 62146 LECT-DISC F 2 M W F 311 G H

PHIL 326 METAPHYSICS.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS, OR 3/4 OR 1 UNIT
 62153 LECT-DISC B 9 M W F 336 G H STALNAKER

PHIL 330 THEORY OF KNOWLEDGE.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS, OR 3/4 OR 1 UNIT
 92165 LECT-DISC C 10 M W F 327 G H SUPPE

PHIL 331 ANALYTIC PHILOSOPHY.
 PREREQUISITE: ONE COURSE IN PHILOSOPHY.
 3 HOURS, OR 3/4 OR 1 UNIT
 62161 LECT-DISC G 3 M W F 207 G H

PHIL 332	PERCEPTION AND KNOWLEDGE. PREREQUISITE: ONE COURSE IN PHILOSOPHY. 3 HOURS, OR 3/4 OR 1 UNIT	62178	LECT-DISC E	1	M W F	311	G H	SHAPIRA
PHIL 333	SYMBOLIC LOGIC, I. 3 HOURS, OR 3/4 OR 1 UNIT	62185	LECT-DISC D	11	M W F	327	G H	TURQUETTE
PHIL 335	SOCIAL PHILOSOPHY. PREREQUISITE: PHIL. 103, 105, OR 321, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	62192	LECT-DISC M	9-1030	TU TH	207	G H	
PHIL 337	SEMANTICS. PREREQUISITE: ONE COURSE IN LOGIC. 3 HOURS, OR 3/4 OR 1 UNIT	62203	LECT-DISC T	3-430	TU TH	327	G H	FABER
PHIL 343	PHENOMENOLOGY. PREREQUISITE: ONE COURSE IN PHILOSOPHY. 3 HOURS, OR 3/4 OR 1 UNIT	62228	LECT-DISC B	9	M W F	207	G H	SCHACHT
PHIL 353	METAMATHEMATICS, I. INTENDED PRIMARILY FOR PHILOSOPHY MAJORS. PREREQUISITE: PHIL. 102, OR GRADUATE STANDING, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	62235	LECT-DISC F	2	M W F	336	G H	NICKLES
PHIL 363	CONTEMPORARY RELIGIOUS THOUGHT. PREREQUISITE: ONE COURSE IN PHILOSOPHY. 3 HOURS, OR 3/4 OR 1 UNIT	62242	LECT-DISC L	830-10	TU TH	311	G H	TIEBOUT

COURSES FOR GRADUATES

PHIL 401	SEMINAR IN ANCIENT PHILOSOPHY. *MAY BE REPEATED FOR CREDIT. *1 UNIT	62250	LECT-DISC	10-12	M	107	G H	
PHIL 403	SEMINAR IN MEDIEVAL PHILOSOPHY. *MAY BE REPEATED FOR CREDIT. *1 UNIT TOPIC: OCKHAM	62267	LECT-DISC	730-930PM	M	107	G H	WENGERT
PHIL 408	SEMINAR IN KANT. *MAY BE REPEATED FOR CREDIT. *1 UNIT	62274	LECT-DISC	1-3	M	107	G H	NEELY
PHIL 411	SEMINAR IN RECENT ETHICAL THEORY. *MAY BE REPEATED FOR CREDIT. *1 UNIT	62281	LECT-DISC	3-5	M	107	G H	WALLACE
PHIL 412	SEMINAR IN SOCIAL PHILOSOPHY. *MAY BE REPEATED FOR CREDIT. *1 UNIT	62299	LECT-DISC	3-5	TH	107	G H	DIGGS
PHIL 415	SEMINAR IN METAPHYSICS. *MAY BE REPEATED FOR CREDIT. *1 UNIT TOPIC--BODIES.	62300	LECT-DISC	1-3	TH	107	G H	CHANDLER

PHIL	417	SEMINAR IN THE PHILOSOPHY OF SCIENCE. 1 UNIT					
	62317	LECT-DISC	2-4	TU	107	G H	NICKLES
PHIL	420	SEMINAR IN SEMANTICS SAME AS COMM. 420. PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT. *MAY BE REPEATED FOR CREDIT.					
	62324	LECT-DISC	1-3	W	107	G H	CATON
PHIL	421	SEMINAR IN CONTEMPORARY PROBLEMS. *MAY BE REPEATED FOR CREDIT.					
	62331	LECT-DISC	7-9PM	TH	107	G H	SHWAYDER
PHIL	423	SEMINAR IN THEORY OF KNOWLEDGE. 1 UNIT					
	62349	LECT-DISC	3-5	W	107	G H	WILL
PHIL	425	SEMINAR IN THE PHILOSOPHY OF MIND. *MAY BE REPEATED FOR CREDIT.					
	62356	LECT-DISC	4-6	TU	107	G H	
PHIL	430	SEMINAR IN MODERN AESTHETICS. *MAY BE REPEATED FOR CREDIT.					
	62363	LECT-DISC	730-930PM	TU	107	G H	
PHIL	439	SEMINAR IN THE PHILOSOPHY OF MATHEMATICS. PREREQUISITE: CONSENT OF INSTRUCTOR. *MAY BE REPEATED FOR CREDIT.					
	62371	LECT-DISC	730-930PM	W	107	G H	
PHIL	483	INDIVIDUAL TOPICS. *NOT MORE THAN 1 UNIT MAY BE COUNTED TOWARD M.A. DEGREE AND NOT MORE THAN 2 TOWARD PH. D. *1/2 OR 1 UNIT					
	62388	CONF		ARR			
PHIL	499	THESIS RESEARCH. 0 TO 4 UNITS					
	62395	CONF		ARR			

PHYSICAL EDUCATION FOR MEN

BASIC INSTRUCTION COURSES

DEPARTMENT OFFICE

201 M O G

MEN ENTERING THE UNIVERSITY WITH LESS THAN SIXTY SEMESTER HOURS OF CREDIT (EXCEPT VETERANS WHO RECEIVE CREDIT BECAUSE OF MILITARY SERVICE, BUT WHO MAY ELECT TO TAKE PHYSICAL EDUCATION) ARE REQUIRED TO OBTAIN CREDIT FOR FOUR SEMESTERS OF PHYSICAL EDUCATION, INCLUDING THE AMOUNT TRANSFERRED. CREDIT MAY BE OBTAINED BY PASSING COURSES LISTED BELOW OR BY PASSING PROFICIENCY EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. PERMITS FOR TAKING PROFICIENCY EXAMINATIONS MUST BE SECURED IN ROOM 201 MEN'S OLD GYMNASIUM NOT LATER THAN 48 HOURS PRECEDING EACH EXAMINATION. STUDENTS ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS IN COURSES IN WHICH THEY ARE CURRENTLY REGISTERED. STUDENTS ENROLLED IN PRESCRIBED EXERCISE ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS WITHOUT SPECIAL WRITTEN PERMISSION FROM THE COORDINATOR OF PRESCRIBED EXERCISE.

COURSES FOR UNDERGRADUATES

NOTE: MOST PEM BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES TO FACILITATE REGISTRATION OF ADVANCE ENROLLED STUDENTS IN BASIC INSTRUCTION COURSES. THESE SEQUENCES ARE AS FOLLOWS:

- SEQUENCE 1 - PEM 118, 120
- SEQUENCE 2 - PEM 115, 127, 129, 130
- SEQUENCE 3 - PEM 123, 128, 134, 135, 137, 145
- SEQUENCE 4 - PEM 133, 136, 142, 143
- SEQUENCE 5 - PEM 112, 132, 138

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

PEM 100 FOUNDATIONS OF PHYSICAL ACTIVITY.

1 HOUR

EACH STUDENT MUST REGISTER IN ONE LECTURE SECTION AND ONE LAB SECTION.

62406	LECT	1B	1	TU	100	G H
62413	LECT	4B	4	TU	100	G H
62421	LECT	3C	3	W	100	G H
62438	LECT	4C	4	W	66	LIB
62445	LECT	10D	10	TH	100	G H
62452	LECT	1D	1	TH	100	G H
62460	LECT	9E	9	F	103	M H
62477	LAB	B1	9	M F	310	M O G BALC
62484	LAB	C1	10	M F	310	M O G BALC
62491	LAB	D1	11	M F	310	M O G BALC
62502	LAB	D2	11	M F	312W	M O G
62510	LAB	E2	12	M F	312W	M O G
62527	LAB	F1	1	M F	310	M O G BALC
62534	LAB	F2	1	M F	312W	M O G
62541	LAB	G1	2	M F	310	M O G BALC
62559	LAB	G2	2	M F	312W	M O G
62566	LAB	H1	3	M F	310	M O G BALC
62573	LAB	H2	3	M F	312W	M O G
62581	LAB	J1	4	M F	310	M O G BALC
62598	LAB	M1	9	TU TH	310	M O G BALC
62609	LAB	N1	10	TU TH	310	M O G BALC
62616	LAB	V1	11	TU TH	310	M O G BALC
62623	LAB	V2	11	TU TH	312W	M O G
62631	LAB	P1	12	TU TH	310	M O G BALC
62648	LAB	Q1	1	TU TH	310	M O G BALC
62655	LAB	R1	2	TU TH	310	M O G BALC
62662	LAB	R2	2	TU TH	312W	M O G
62670	LAB	S1	3	TU TH	310	M O G BALC
62687	LAB	T1	4	TU TH	310	M O G BALC

P E M 101 PRESCRIBED EXERCISE.

PREREQUISITE: ASSIGNMENT BY THE HEALTH SERVICE.
STUDENTS MAY ACCUMULATE 3 HOURS.

1 HOUR

*SECTION X IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

62694	LAB	B	9	M W F	106	MOG ANNEX
62705	LAB	C	10	M W F	106	MOG ANNEX
62712	LAB	D	11	M W F	106	MOG ANNEX
62720	LAB	F	1	M W F	106	MOG ANNEX
62737	LAB	G	2	M W F	106	MOG ANNEX
62744	LAB	R	2-315	TU TH	106	MOG ANNEX
62751	LAB	S	3-415	TU TH	106	MOG ANNEX
62769	LAB	*X	ARR			REHAB CENTER

P E M 105 WEIGHT CONTROL.

PREREQUISITE: APPROVAL OF DEPARTMENT AT REGISTRATION.

1 HOUR

62776	LAB	D	11	M W F	312SE	M O G
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P E M 106 DEVELOPMENTAL ACTIVITIES.

PREREQUISITE: P. E. M. 100, FOUNDATIONS OF PHYSICAL ACTIVITY.

1 HOUR

62783	LAB	A	8	M W F	ARMORY	FLOOR
62791	LAB	C	10	M W F	ARMORY	FLOOR
62801	LAB	D	10	M W F	ARMORY	FLOOR
62819	LAB	H	3	M W F	ARMORY	FLOOR
62826	LAB	L	8-915	TU TH	ARMORY	FLOOR
62833	LAB	M	9-1015	TU TH	ARMORY	FLOOR
62841	LAB	N	10-1115	TU TH	ARMORY	FLOOR
62858	LAB	V	11-1215	TU TH	ARMORY	FLOOR
62865	LAB	VI	11-1215	TU TH	ARMORY	FLOOR

P E M 107 BEGINNING SWIMMING.

PREREQUISITE: NON-SWIMMER. THOSE WHO CANNOT SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS.

1 HOUR

*SECTION H DESIGNED ESPECIALLY FOR THOSE STUDENTS WITH A FEAR OF WATER.

62872	LAB	B	9	M W F	212	M O G POOL
62880	LAB	C	10	M W F	212	M O G POOL
62897	LAB	D	11	M W F	212	M O G POOL
62908	LAB	F	1	M W F	212	M O G POOL
62915	LAB	G	2	M W F	212	M O G POOL
62979	LAB	*H	3	M W F	212	M O G POOL
62922	LAB	M	9-1015	TU TH	212	M O G POOL
62930	LAB	V	11-1215	TU TH	212	M O G POOL
62947	LAB	Q	1-215	TU TH	212	M O G POOL
62954	LAB	R	2-315	TU TH	212	M O G POOL
62961	LAB	S	3-415	TU TH	212	M O G POOL

P E M 108 INTERMEDIATE SWIMMING.

PREREQUISITE: SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS, BUT ARE NOT QUALIFIED FOR P. E. M. 109 OR P. E. M. 110.

1 HOUR

62986	LAB	A	8	M W F	212	M O G POOL
62993	LAB	A1	8	M W F	112	H G POOL
63006	LAB	B1	9	M W F	112	H G POOL
63013	LAB	H1	3	M W F	112	H G POOL
63021	LAB	J	4	M W F	212	M O G POOL
63038	LAB	L	8-915	TU TH	212	M O G POOL
63045	LAB	M1	9-1015	TU TH	112	H G POOL
63052	LAB	N	10-1115	TU TH	212	M O G POOL
63060	LAB	S1	3-415	TU TH	112	H G POOL
63077	LAB	T	4-515	TU TH	212	M O G POOL

P E M 109 AQUATIC SPORTS.

PREREQUISITE: ABILITY TO SWIM ONE MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--CRAWL, BACK CRAWL AND BREASTSTROKE --AND 20 YARDS UNDERWATER.

1 HOUR

63084	LAB	L	8-915	TU TH	112	H G POOL
63091	LAB	Q	1-215	TU TH	112	H G POOL

P E M 110 LIFE SAVING.
 PREREQUISITE: ABILITY TO SWIM 1/2 MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--SIDESTROKE, BREASTSTROKE AND FRONT CRAWL--AND 20 YARDS UNDERWATER.
 1 HOUR

63102	LAB	C	10	M W F	112	H G POOL
63110	LAB	D	11	M W F	112	H G POOL
63127	LAB	F	1	M W F	112	H G POOL

P E M 111 WATER SAFETY. A. R. C. INSTRUCTOR TRAINING.
 PREREQUISITE: STRONG SWIMMERS WHO HAVE A CURRENT AMERICAN RED CROSS SR. LIFE SAVING AUTHORIZATION CARD.
 1 HOUR

63134	LAB	N	10-1115	TU TH	112	H G POOL
63141	LAB	V	11-1215	TU TH	112	H G POOL

P E M 112 TUMBLING AND FREE EXERCISE.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63159	LAB	B	9	M W F	312NE	M O G
63166	LAB	C	10	M W F	312NE	M O G
63173	LAB	D	11	M W F	312NE	M O G

P E M 114 APPARATUS STUNTS.
 1 HOUR

63181	LAB	N	10-1115	TU TH	312SE	M O G
63198	LAB	V	11-1215	TU TH	312SE	M O G
63209	LAB	R	2-315	TU TH	312SE	M O G

P E M 115 TRAMPOLINE AND DOUBLES TUMBLING.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63216	LAB	G	2	M W F	312NE	M O G
63223	LAB	H	3	M W F	312NE	M O G
63231	LAB	M	9-1015	TU TH	312NE	M O G

P E M 116 BASIC MOVEMENT.
 PREREQUISITE: MUSIC MAJOR.
 1 HOUR
 *MEETS WITH P. E. W. 100, SECTION U.

63248	LAB	T	4-515	TU TH	310	FREER GYM
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P E M 118 WRESTLING.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63255	LAB	G	2	M W F	115	MOG ANNEX
63262	LAB	N	10-1115	TU TH	115	MOG ANNEX

P E M 119 FOIL FENCING.
 1 HOUR

63270	LAB	A	8	M W F	302	H G
63287	LAB	B	9	M W F	302	H G
63294	LAB	C	10	M W F	302	H G
63305	LAB	D	11	M W F	302	H G
63312	LAB	L	8-915	TU TH	302	H G

P E M 120 PERSONAL DEFENSE ACTIVITIES.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63320	LAB	A	8	M W F	115	MOG ANNEX
63337	LAB	C	10	M W F	115	MOG ANNEX
63344	LAB	D	11	M W F	115	MOG ANNEX
63351	LAB	E	12	M W F	115	MOG ANNEX
63369	LAB	F	1	M W F	115	MOG ANNEX
63376	LAB	H	3	M W F	115	MOG ANNEX
63383	LAB	L	8-915	TU TH	115	MOG ANNEX
63391	LAB	V	11-1215	TU TH	115	MOG ANNEX
63401	LAB	P	12-115	TU TH	115	MOG ANNEX
63419	LAB	Q	1-215	TU TH	115	MOG ANNEX
63426	LAB	R	2-315	TU TH	115	MOG ANNEX

P E M 123 WEIGHT TRAINING

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

*OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE RESIDENCE HALLS.

63433	LAB	A	8	M W F	114	MOG ANNEX
63579	LAB	*A1	8	M W F	388	OGLESBY
63441	LAB	B	9	M W F	114	MOG ANNEX
63458	LAB	C	10	M W F	114	MOG ANNEX
63465	LAB	D	11	M W F	114	MOG ANNEX
63586	LAB	*D1	11	M W F	388	OGLESBY
63593	LAB	*F	1	M W F	388	OGLESBY
63472	LAB	S	2	M W F	114	MOG ANNEX
63480	LAB	H	3	M W F	114	MOG ANNEX
63497	LAB	J	4	M W F	114	MOG ANNEX
63508	LAB	L	8-915	TU TH	114	MOG ANNEX
63515	LAB	M	9-1015	TU TH	114	MOG ANNEX
63522	LAB	N	10-1115	TU TH	114	MOG ANNEX
63530	LAB	V	11-1215	TU TH	114	MOG ANNEX
63604	LAB	*V1	11-1215	TU TH	388	OGLESBY
63547	LAB	Q	1-215	TU TH	114	MOG ANNEX
63554	LAB	S	3-415	TU TH	114	MOG ANNEX
63561	LAB	T	4-515	TU TH	114	MOG ANNEX

P E M 124 TRACK AND FIELD ATHLETICS.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

63611	LAB	FF	1-3	M W	EAST ILL FLD
63629	LAB	HH	3-5	M W	EAST ILL FLD
63636	LAB	QQ	1-3	TU TH	EAST ILL FLD
63643	LAB	SS	3-5	TU TH	EAST ILL FLD

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY MEN'S OLD GYM ANNEX.

P E M 128 SOCCER.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR 1 HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

63651	LAB	AA	8-10	M W	FLD A H G
63668	LAB	CC	10-12	M W	FLD A H G
63675	LAB	EE	12-2	M W	FLD A H G
63682	LAB	GG	2-4	M W	FLD A H G
63690	LAB	LL	8-10	TU TH	FLD A H G
63701	LAB	NN	10-12	TU TH	FLD A H G
63718	LAB	PP	12-2	TU TH	FLD A H G
63725	LAB	RR	2-4	TU TH	FLD A H G

NOTE: FIRST CLASS MEETING WILL BE IN EAST BALCONY, HUFF GYM.

P E M 129 VOLLEYBALL.

1 HOUR

INSTRUCTION COURSES.

SECTIONS X AND Y MEET WITH P. E. M. 124.

63732	LAB	A	8	M W F	105	MOG ANNEX
63740	LAB	B	9	M W F	105	MOG ANNEX
63757	LAB	H	3	M W F	105	MOG ANNEX
63764	LAB	L	8-915	TU TH	105	MOG ANNEX
63771	LAB	M	9-1015	TU TH	105	MOG ANNEX
63789	LAB	N	10-1115	TU TH	105	MOG ANNEX
63796	LAB	V	11-1215	TU TH	105	MOG ANNEX
63807	LAB	Q	1-215	TU TH	105	MOG ANNEX
63814	LAB	R	2-315	TU TH	105	MOG ANNEX
63821	LAB	S	3-415	TU TH	105	MOG ANNEX
63839	LAB	*X	7PM	TU TH	218	E B
63846	LAB	*Y	8PM	TU TH	218	E B

P E M 130 BASKETBALL.

PREREQUISITE: NO PLAYING EXPERIENCE IN ORGANIZED BASKETBALL.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63853	LAB	C	10	M W F	105	MOG ANNEX
63861	LAB	D	11	M W F	105	MOG ANNEX
63878	LAB	F	1	M W F	105	MOG ANNEX
63885	LAB	F1	1	M W F	100	H G
63892	LAB	G	2	M W F	105	MOG ANNEX

P E M 132 ARCHERY.

1 HOUR

*MEETS WITH P. E. W. 135.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

63903	LAB	BB	9-11	M W	ARCHERY RANGE
63928	LAB	*C	11	MTUWTH	11 FREER GYM
63911	LAB	QQ	1-3	TU TH	ARCHERY RANGE

NOTE: FIRST CLASS MEETING IN 11 FREER GYM.

P E M 133 SQUASH RACQUETS.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63935	LAB	S	3-415	TU TH	84 H G
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P E M 134 HANDBALL.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

63942	LAB	B	9	M W F	84 H G
63950	LAB	C	10	M W F	84 H G
63967	LAB	D	11	M W F	84 H G
63974	LAB	H	3	M W F	84 H G
63981	LAB	L	8-915	TU TH	84 H G
63999	LAB	M	9-1015	TU TH	84 H G
64001	LAB	N	10-1115	TU TH	84 H G
64019	LAB	Q	1-215	TU TH	84 H G
64026	LAB	R	2-315	TU TH	84 H G

P E M 135 TENNIS.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

64033	LAB	AA	8-10	M W	GREGORY DRIVE CT
64041	LAB	AA1	8-10	M W	STADIUM CTS E
64058	LAB	BB	9-11	M W	H G COURTS
64065	LAB	CC	10-12	M W	GREGORY DRIVE CT
64072	LAB	CC1	10-12	M W	STADIUM CTS E
64080	LAB	DD	11-1	M W	H G COURTS
64097	LAB	FF	1-3	M W	STADIUM CTS E
64108	LAB	GG	2-4	M W	GREGORY DRIVE CT
64115	LAB	HH	3-5	M W	H G COURTS
64122	LAB	HH1	3-5	M W	STADIUM CTS E
64130	LAB	LL	8-10	TU TH	GREGORY DRIVE CT
64147	LAB	LL1	8-10	TU TH	STADIUM CTS E
64154	LAB	NN	9-11	TU TH	H G COURTS
64161	LAB	NN	10-12	TU TH	GREGORY DRIVE CT
64179	LAB	NN1	10-12	TU TH	STADIUM CTS E
64186	LAB	VV	11-1	TU TH	H G COURTS
64193	LAB	QQ	1-3	TU TH	GREGORY DRIVE CT
64204	LAB	QQ1	1-3	TU TH	STADIUM CTS E
64211	LAB	SS1	3-5	TU TH	STADIUM CTS E

NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH BALCONY HUFF GYM.

P E M 136 BADMINTON.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

*SECTIONS NN1 AND QQ1 WILL MEET SECOND EIGHT WEEKS OF SEMESTER, CLASSES BEGIN NOV. 2, 1970.

64229	LAB	AA	8-10	M W	100 H G
64236	LAB	CC	10-12	M W	100 H G
64243	LAB	LL	8-10	TU TH	100 H G
64251	LAB	NN	10-12	TU TH	100 H G
64275	LAB	*NN1	10-12	TU TH	100 H G
64268	LAB	QQ	1-3	TU TH	100 H G
64282	LAB	*QQ1	1-3	TU TH	100 H G

P E M 137 BOWLING.

1 HOUR

64290	LAB	A1	8	M W	60	IU ALLEYS
64301	LAB	B1	9	M W	60	IU ALLEYS
64318	LAB	C1	10	M W	60	IU ALLEYS
64325	LAB	L	8	TU TH	60	IU ALLEYS
64332	LAB	M	9	TU TH	60	IU ALLEYS
64340	LAB	N	10	TU TH	60	IU ALLEYS
64357	LAB	V	11	TU TH	60	IU ALLEYS
64364	LAB	V1	11	TU TH	60	IU ALLEYS
64371	LAB	Q	1	TU TH	60	IU ALLEYS

P E M 138 GOLF.

1 HOUR

STUDENT IS RESPONSIBLE FOR GETTING TRANSPORTATION TO AND FROM THE GOLF RANGE ON RT. 45 NORTH. MAY PROVIDE OWN CAR OR RIDE WITH CLASSMATE.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

64389	LAB	AA	8-10	M W	ROUTE 45 NORTH
64396	LAB	BB	9-11	M W	ROUTE 45 NORTH
64407	LAB	CC	10-12	M W	ROUTE 45 NORTH
64414	LAB	DD	11-1	M W	ROUTE 45 NORTH
64421	LAB	LL	8-10	TU TH	ROUTE 45 NORTH
64439	LAB	MM	9-11	TU TH	ROUTE 45 NORTH
64446	LAB	NN	10-12	TU TH	ROUTE 45 NORTH
64453	LAB	VV	11-1	TU TH	ROUTE 45 NORTH

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY, HUFF GYM.

P E M 139 GOLF, II.

SAME AS P. E. W. 139.

PREREQUISITE: P. E. M. 138 OR P. E. W. 131, AND CONSENT OF INSTRUCTOR.

1 HOUR

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. \$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH.

CLASSES BEGIN ON MONDAY, SEPT. 14, 1970. FIRST CLASS MEETING WILL BE HELD IN 210 FREER GYM.

64461	LAB	MM	9-11	M W	PAR3 RT 45 SOUTH
64478	LAB	VV	11-1	M W	PAR3 RT 45 SOUTH

P E M 140 CANOEING AND SMALL CRAFT OPERATION.

PREREQUISITE: ABILITY TO JUMP OR DIVE INTO DEEP WATER WHILE CLOTHED AND MAINTAIN A SURVIVAL POSITION FOR TEN MINUTES.

1 HOUR

REGISTRATION IS LIMITED TO STUDENTS WITH FREE PERIOD

PRECEDING THE COURSE HOUR.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

64485	LAB	HH	3-5	M W	CRYSTAL LAKE
64492	LAB	SS	3-5	TU TH	CRYSTAL LAKE

NOTE: FIRST CLASS MEETING WILL BE HELD IN 202 MEN'S OLD GYM.

P E M 142 BALLROOM DANCE.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

MEETS WITH P. E. W. 142.

*OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE RESIDENCE HALLS.

64503	LAB	G	2	M W	302	H G
64511	LAB	H	3	M W	302	H G
64550	LAB	*H1	3	M W	6	OGLESBY
64567	LAB	*J	4	M W	6	OGLESBY
64574	LAB	*X	7PM	M W	6	OGLESBY
64528	LAB	M	9	TU TH	302	H G
64535	LAB	N	10	TU TH	302	H G
64542	LAB	V	11	TU TH	302	H G

P E M 143 AMERICAN SQUARE DANCE.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

MEETS WITH P. E. W. 143.

64581	LAB	S	1	TU TH	302	H G
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P E M 144 TECHNIQUES IN ANGLING.
 SAME AS P. E. W. 144.

1 HOUR
 THIS CLASS MEETS MONDAY THROUGH FRIDAY FOR THE FIRST EIGHT
 WEEKS OF THE SEMESTER.
 64599 LAB G 2 MTUWTHF 120N ICE RINK

P E M 145 FIGURE SKATING.

1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
 INSTRUCTION COURSES.
 MEETS WITH P. E. W. 145.
 ALL SECTIONS ARE CO-EDUCATIONAL.
 THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE LAST EIGHT
 WEEKS OF THE SEMESTER.
 CLASSES BEGIN MONDAY, NOV. 2, 1970.
 64600 LAB A 8 MTUWTHF 120N ICE RINK
 64617 LAB B 9 MTUWTHF 120N ICE RINK
 64624 LAB C 10 MTUWTHF 120N ICE RINK
 64631 LAB D 11 MTUWTHF 120N ICE RINK
 64649 LAB E 12 MTUWTHF 120N ICE RINK
 64656 LAB F 1 MTUWTHF 120N ICE RINK
 64663 LAB G 2 MTUWTHF 120N ICE RINK

P E M 147 TENNIS, II.

PREREQUISITE: P. E. M. 135 OR P. E. W. 136 AND/OR CONSENT OF
 INSTRUCTOR.
 1 HOUR
 THESE CLASS MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
 FIRST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN ON MONDAY,
 SEPTEMBER 14, 1970.
 64671 LAB FF 1-3 M W H G COURTS
 64688 LAB QQ 1-3 TU TH H G COURTS

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR MEN

DEPARTMENT OFFICE

119 H G

COURSES FOR UNDERGRADUATES

P E M 150 INTRODUCTION TO PHYSICAL EDUCATION.

2 HOURS
 64695 LECT-DISC C1 10 M W 207 H G KELLER
 C1 10 F 209 H G
 64706 LECT-DISC C2 10 M W F 209 H G FLANIGAN
 64713 LECT-DISC C3 10 M W 211 H G
 C3 10 F 209 H G HOTTINGER

P E M 151 BEGINNING BASKETBALL.

2 HOURS
 SECOND HALF OF SEMESTER.
 INSTRUCTION BEGINS MONDAY, NOV. 9, 1970.
 64721 LAB-DISC AA1 8-10 MTUWTHF 209 H G COMBES
 64738 LAB-DISC AA2 8-10 MTUWTHF 209 H G PARKER
 NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS IN 100 H G BY
 ARRANGEMENT.

P E M 152 BEGINNING FOOTBALL.

2 HOURS
 FIRST HALF OF SEMESTER.
 64745 LAB-DISC AA1 8-10 MTUWTHF 209 H G DANNEHL
 64752 LAB-DISC AA2 8-10 MTUWTHF 209 H G PARKER
 NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS ON HUFF GYM FIELDS
 BY ARRANGEMENT.

P E M 153 FITNESS PROGRAMS.

PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 154.
 2 HOURS
 64760 LAB-DISC E1 1 MTUWTHF 209 H G HOTTINGER
 64777 LAB-DISC E2 1 MTUWTHF 209 H G CASE
 NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS BY ARRANGEMENT.

P E M 154 SWIMMING.
 PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 153, EXCEPT FOR RECREATION MAJORS.
 2 HOURS
 NON-SWIMMERS SHOULD SIGN UP FOR P. E. M. 107.
 64784 LAB-DISC E1 2 MTUWTHF 112 H G POOL KLINGEL
 64791 LAB-DISC E2 2 MTUWTHF 112 H G POOL AUER
 NOTE: FIRST CLASS MEETING FOR BOTH SECTIONS WILL BE IN HUFF GYM POOL.

P E M 155 GYMNASTICS.
 1 HOUR
 SECOND HALF OF SEMESTER.
 INSTRUCTION BEGINS MONDAY, NOV. 9, 1970.
 64802 LAB-DISC AA1 8 MTUWTHF 312SE M O G POND
 64810 LAB-DISC AA2 8 MTUWTHF 312SE M O G CURZI
 NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG BY ARRANGEMENT.

P E M 156 WRESTLING.
 1 HOUR
 SECOND HALF OF SEMESTER.
 INSTRUCTION BEGINS MONDAY, NOV. 9, 1970.
 64827 LAB-DISC BB1 9 MTUWTHF 115 MOG ANNEX ROBINSON
 64834 LAB-DISC BB2 9 MTUWTHF 115 MOG ANNEX CASE
 NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG ANNEX BY ARRANGEMENT.

P E M 157 TRACK AND FIELD.
 1 HOUR
 LECTURE ON FRIDAYS, ALTERNATING WITH PEM 158.
 FIRST HALF OF SEMESTER.
 64841 LAB-DISC LL1 8-10 TU THF WEST STADIUM WRIGHT
 64859 LAB-DISC LL2 8-10 TU THF WEST STADIUM WIENEKE
 NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETING ON STADIUM TRACK BY ARRANGEMENT. FIRST MEETING IN WEST GREAT HALL OF MEMORIAL STADIUM.

P E M 158 BASEBALL.
 1 HOUR
 LECTURE ON FRIDAYS, ALTERNATING WITH PEM 157.
 FIRST HALF OF SEMESTER.
 64866 LAB-DISC AA1 8-10 M W F 202 M O G EILBRACHT
 64873 LAB-DISC AA2 8-10 M W F 202 M O G KITTLESON
 NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON THE BASEBALL DIAMOND BY ARRANGEMENT.

P E M 161 SPECIAL SPORTS (SOCCER AND VOLLEYBALL).
 1 HOUR
 NOTE: VOLLEYBALL WILL BEGIN ON MONDAY, NOV. 9, 1970, IN 100 HUFF GYM.
 64881 LAB-DISC C 10 M W F FLD B H G KEENAN

P E M 162 SPECIAL SPORTS (TENNIS AND SQUASH).
 1 HOUR
 NOTE: SQUASH WILL BEGIN ON MONDAY, NOV. 9, 1970, IN 84 HUFF GYM.
 64898 LAB-DISC E 1-3 M W H G COURTS OLSON

P E M 163 SPECIAL SPORTS (LACROSSE AND HANDBALL).
 1 HOUR
 NOTE: HANDBALL WILL BEGIN ON MONDAY, NOV. 9, 1970 IN 84 HUFF GYM.
 64909 LAB-DISC A 8 M W F FLD B H G JOHNSON

P E M 166 ELEMENTARY SCHOOL GAMES.
 3 HOURS
 MEETS WITH P. E. W. 166.
 *ONE ADDITIONAL HOUR PER WEEK CONFERENCE TO BE ARRANGED.
 64916 LECT-DISC M *9-11 TU TH 11 FREER GYM

P E M 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

64923 CONF P 11 TU TH 209 H G

COURSES FOR ADVANCED UNDERGRADUATES

P E M 204 ADMINISTRATION OF PHYSICAL EDUCATION.

PREREQUISITE: SENIOR STANDING IN PHYSICAL EDUCATION.

3 HOURS

THIS COURSE WILL NOT MEET DURING THE SIX WEEKS

STUDENT TEACHING PERIOD.

64931 LECT-DISC D 11 MTUWTH 207 H G FALLON

P E M 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION AND RECREATION.

3 HOURS

*SIX ADDITIONAL LABORATORY SESSIONS 3-5 P.M. M. OR 7-9 P.M. TU.

THIS COURSE WILL NOT MEET DURING THE SIX-WEEK

STUDENT TEACHING PERIOD.

64948 LECT-DISC C 10 MTUWTH 300 H G POHNDORF
64955 LECT-DISC D 11 MTUWTH ARR POHNDORF

P E M 206 KINESIOLOGY.

SAME AS P. E. W. 206.

PREREQUISITE: PHYSL. 103 AND 234.

3 HOURS

64962 LECT-DISC C 10 MTUWTH 207A H G BOILEAU
64970 LECT-DISC E 1-3 M W 130 FREER GYM
64987 LECT-DISC R 1-3 TU TH 130 FREER GYM

P E M 207 PREVENTION AND CARE OF ATHLETIC INJURIES.

PREREQUISITE: PHYSL. 103 AND 234.

3 HOURS

64994 LECT-DISC M 9 TU TH 154 ARMORY BENKE
LAB M ARR

P E M 208 THEORY OF PRESCRIBING EXERCISE.

PREREQUISITE: PHYSL. 103 AND 234.

3 HOURS

*THREE ADDITIONAL HOURS TO BE ARRANGED.

65007 LAB-DISC L *8 TU TH 202 M O G GRENINGER

P E M 209 HISTORY OF SPORT.

SAME AS P. E. W. 209.

PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS

65014 LECT-DISC D 11 M W F 209 H G MOORE
65021 LECT-DISC E 1 M W N107 T H
E 2 M N107 T H

P E M 217 THEORY OF COACHING.

PREREQUISITE: P. E. M. 213 AND 214, OR CONSENT OF INSTRUCTOR.

2 HOURS

65039 LECT-DISC D 11 M W 207A H G ELIOT

P E M 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.

PREREQUISITE: JUNIOR STANDING, AND A NON-PHYSICAL EDUCATION STUDENT.

2 HOURS

MEETS WITH P. E. W. 220.

*SECTIONS E1 AND F1 FOR GRADES K-2.

*SECTION E2 FOR GRADES 3-6.

65046 LECT-DISC *E1 1 M W F 218 E B
65061 LECT-DISC *E2 1 M W F 11 E B
65053 LECT-DISC *F1 2 M W F 218 E B

P E M 225 SUPERVISED EXPERIENCE IN PHYSICAL EDUCATION.
 PREREQUISITE: JUNIOR STANDING.
 *MUST BE REPEATED FOR A TOTAL OF 3 HOURS. TWO HOURS CREDIT IS
 EARNED WHEN FIRST COMPLETED AND 1 HOUR WHEN REPEATED.
 *1 OR 2 HOURS
 65078 LAB-DISC ARR YOUNGBERG
 HARRISON
 NOTE: FIRST CLASS MEETING WILL BE MONDAY, SEPT. 21, 1970, AT
 6:45 P.M. IN 209 HUFF GYM.

P E M 235 SQUARE AND BALLROOM DANCE.
 2 HOURS
 MEETS WITH P. E. W. 235.
 65085 LAB-DISC R1 1-3 TU TH 218 E B FALLON
 65092 LAB-DISC X1 7-9PM M W 218 E B FALLON

P E M 240 PHYSIOLOGY OF HUMAN EXERCISE.
 SAME AS P. E. W. 240.
 PREREQUISITE: PHYSL. 103 AND 234.
 3 HOURS
 65103 LECT-DISC F 2 MTUWTH 207A H G BOILEAU

P E M 250 SPECIAL PROBLEMS.
 PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT
 AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.
 APPROVAL OF DEPARTMENT HEAD.
 *MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
 *2 OR 3 HOURS
 65111 LAB-DISC ARR FLANIGAN

P E M 260 HONORS SEMINAR.
 SAME AS H. ED. P. E. W., AND REC. 260.
 PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
 PRECEDING SEMESTER; CONSENT OF FACULTY ADVISOR, INSTRUCTOR AND HEAD
 OF DEPARTMENT.
 *MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
 *2 HOURS
 SECTION &X1 TOPIC: CURRENT PROBLEMS.
 SECTION &X2 TOPIC: INTRODUCTION TO RESEARCH.
 65128 LECT-DISC &X1 7-9PM W 207B FREER GYM
 65135 LECT-DISC &X2 7-9PM W 15 E B

P E M 271 ADMINISTRATION OF HIGH SCHOOL SPORT PROGRAMS.
 3 HOURS
 65142 LECT-DISC D 11 M W F 250 ARMORY FLANIGAN

PHYSICAL EDUCATION

DEPARTMENT OFFICE

121 HUFF GYM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MOTOR LEARNING.

PREREQUISITE: P. E. M. OR P. E. W. 206, PHYSL. 234, PSYCH. 100, EDPSY. 211, OR EQUIVALENTS OF THESE COURSES, OR CONSENT OF INSTRUCTOR.

4 HOURS OR 1 UNIT

65150	LECT	11	W F	300	H G	SOUDER
	LAB	2-4	TU	300	H G	SOUDER

P E 350 THEORY AND PRACTICE OF EXERCISE THERAPY.

PREREQUISITE: ANATOMY, PHYSIOLOGY, PHYSIOLOGY OF

EXERCISE AND KINESIOLOGY, OR CONSENT OF INSTRUCTOR.

4 HOURS OR 1 UNIT

*THREE ADDITIONAL HOURS IN EXERCISE THERAPY CLINIC.

65167	LECT-DISC	11	TU TH	202	M O G	SHELTON
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COURSES FOR GRADUATES

P E 401 ADMINISTRATION OF PHYSICAL EDUCATION AND SPORT.

PREREQUISITE: P. E. M. OR P. E. W. 204 OR EQUIVALENT.

1 UNIT

65174	LECT-DISC	8-11	M	154	ARMORY	HUELSTER, RAZOR
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P E 402 HISTORY OF PHYSICAL EDUCATION AND SPORT.

PREREQUISITE: P. E. M. OR P. E. W. 209 OR EQUIVALENT.

1 UNIT

65181	LECT-DISC	830-11	W	154	ARMORY	ZEIGLER
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P E 451 SCIENTIFIC FOUNDATIONS OF PHYSICAL FITNESS.

PREREQUISITE: UNDERGRADUATE ANATOMY AND PHYSIOLOGY, TESTS AND MEASUREMENTS.

1 UNIT

*TWO ADDITIONAL HOURS TO BE ARRANGED.

65199	LECT-DISC	*4-6	TH	211	H G	MASSEY
	LAB	*2-4	TH	302	H G	AND FRANKS

P E 490 SEMINAR.

0 CREDIT

*SECTION U1 FOR STUDENTS INTERESTED PRIMARILY IN RESEARCH RELATED TO NATURAL SCIENCES.

*SECTION U2 FOR STUDENTS CONCERNED WITH RESEARCH IN HUMANITIES AND SELECTED SOCIAL SCIENCES.

*SECTION U3 FOR STUDENTS INTERESTED PRIMARILY IN RESEARCH RELATED TO SPORT PSYCHOLOGY AND MOTOR LEARNING.

65200	LECT-DISC *U1	330-5	W	207A	H G	MASSEY
65217	LECT-DISC *U2	330-5	W	211	H G	RAZOR
65224	LECT-DISC *U3	330-5	W	300	H G	HUBBARD

P E 493 SPECIAL PROJECTS.

1/2 OR 1 UNIT

*SECTION E2 IS A SMALL GROUP IN SPORT AND PLAY PRACTICUM--CREDIT 1 UNIT.

65231	CONF	E1	ARR			STAFF
65249	LECT-DISC *E2	9-11	F	125	D K H	LANDERS

P E 495 TECHNIQUES OF RESEARCH IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.

1 UNIT

STUDENTS MUST REGISTER FOR LECTURE-DISCUSSION AND ONE LAB.

65256	LECT-DISC	4-6	F	209	H G	HUBBARD
65263	LAB	A	7-9PM	TU	211	H G
65271	LAB	B	7-9PM	W	211	H G

P E 499 THESIS RESEARCH.

0 TO 4 UNITS

65288	CONF	C	ARR
65295	CONF	F	ARR
65306	CONF	H1	ARR
65313	CONF	H2	ARR
65321	CONF	M	ARR
65338	CONF	P	ARR
65345	CONF	R	ARR
65352	CONF	T	ARR
65360	CONF	Z	ARR
65377	CONF		ARR

CURETON
FRANKS
HUBBARD
HUELSTER
MASSEY
POHNDORF
RAZOR
TREKELL
ZEIGLER
STAFF

PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE

117 FREER GYM

BASIC INSTRUCTION COURSES

COURSES FOR UNDERGRADUATES

FRESHMEN AND SOPHOMORES: OF THE FOUR SEMESTERS REQUIRED IN PHYSICAL EDUCATION, THE DEPARTMENT RECOMMENDS ONE SEMESTER OF BASIC MOVEMENT (PEW 100) AND RECOMMENDS ONE SEMESTER OF SWIMMING (PEW 110 OR 111). ANY COURSE NOT PREVIOUSLY TAKEN MAY BE TAKEN IN THE TWO REMAINING SEMESTERS.

NOTE: MOST PEW BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES IN ORDER TO FACILITATE REGISTRATION OF ADVANCE ENROLLEES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEW 107, 111, 122, 124, 136
SEQUENCE 2 - PEW 104, 110, 121, 123, 132, 135
SEQUENCE 3 - PEW 120, 130, 133, 138, 142, 145

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

CREDITS MAY BE EARNED BY SUCCESSFUL COMPLETION OF PROFICIENCY EXAMINATION(S). STUDENTS ARE NOT PERMITTED TO TAKE A PROFICIENCY EXAM IN A COURSE IN WHICH PRESENTLY ENROLLED. APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM.

WOMEN ENROLLING IN PEM 112,115,140 OR 147 SHALL BE GRANTED CREDIT.

P E W 100 BASIC MOVEMENT.

1 HOUR

*SECTION U MEETS WITH PEM 116-OPEN ONLY TO VOICE AND THEATRE MAJORS.

65384	LAB	C	10-1030	M W F	218	E B
65391	LAB	CC	1040-1110	M W F	218	E B
65402	LAB	D	1120-1150	M W F	218	E B
65410	LAB	E	12-1230	M W F	26	E B
65427	LAB	EE	1240-110	M W F	26	E B
65434	LAB	F	120-150	M W F	26	E B
65441	LAB	K	610-655PM	M W	311	FREER GYM
65459	LAB	KK	710-755PM	M W	311	FREER GYM
65466	LAB	O	1010-1055	TU TH	26	E B
65473	LAB	P	1110-1155	TU TH	26	E B
65481	LAB	T	310-355	TU TH	310	FREER GYM
65516	LAB	*U	410-455	TU TH	310	FREER GYM
65498	LAB	W	610-655PM	TU TH	311	FREER GYM
65509	LAB	X	710-755PM	TU TH	311	FREER GYM

P E W 101 PRESCRIBED EXERCISE.

PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE.

1 HOUR

*SECTION I IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

65523	LAB	A	8-830	M W F	215	FREER GYM
65531	LAB	B	910-955	M W	215	FREER GYM
65548	LAB	*I	410-440	M W F	116	E B POOL

P E W 102 MODIFIED ACTIVITIES.							
PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE.							
1 HOUR							
*THESE SECTIONS EMPHASIZE FIGURE ANALYSIS AND DO NOT CARRY A PREREQUISITE.							
65587	LAB	*H	310-355	M W	215	FREER GYM	
65594	LAB	*I	410-455	M W	215	FREER GYM	
65605	LAB	*J	510-555	M W	215	FREER GYM	
65612	LAB	*KK	710-755PM	M W	215	FREER GYM	
65620	LAB	*L	810-855PM	M W	215	FREER GYM	
65555	LAB	M	8-845	TU TH	215	FREER GYM	
65637	LAB	*N	910-955	TU TH	215	FREER GYM	
65562	LAB	Q	1210-1255	TU TH	215	FREER GYM	
65570	LAB	T	310-355	TU TH	215	FREER GYM	
65644	LAB	*U	410-455	TU TH	215	FREER GYM	
65651	LAB	*V	510-555	TU TH	215	FREER GYM	
65669	LAB	*X	710-755PM	TU TH	215	FREER GYM	
65676	LAB	*Y	810-855PM	TU TH	215	FREER GYM	

P E W 104 MODERN DANCE.							
1 HOUR							
*SECTIONS B AND J ARE FOR PHYSICAL EDUCATION MAJORS ONLY.							
65683	LAB	A	8-845	M W	10	FREER GYM	
65765	LAB	*B	910-955	MTUWTH	26	E B	
65691	LAB	C	10-1030	M W F	26	E B	
65701	LAB	CC	1040-1110	M W F	26	E B	
65719	LAB	D	1120-1150	M W F	26	E B	
65772	LAB	*J	510-555	MTUWTH	311	FREER GYM	
65726	LAB	M	8-845	TU TH	10	FREER GYM	
65733	LAB	S	210-255	TU TH	26	E B	
65741	LAB	T	310-355	TU TH	26	E B	
65758	LAB	U	410-455	TU TH	26	E B	

P E W 107 MODERN GYMNASTICS, I.							
1 HOUR							
65780	LAB	A	8-845	M W	311	FREER GYM	
65797	LAB	B	910-955	M W	311	FREER GYM	
65808	LAB	H	310-355	M W	311	FREER GYM	
65815	LAB	I	410-455	M W	311	FREER GYM	
65822	LAB	Q	1210-1255	TU TH	311	FREER GYM	
65830	LAB	T	310-355	TU TH	311	FREER GYM	
65847	LAB	U	410-455	TU TH	311	FREER GYM	

P E W 108 MODERN GYMNASTICS, II.							
PREREQUISITE: P. E. W. 107 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.							
1 HOUR							
65854	LAB	M	810-845	TU TH	311	FREER GYM	
65861	LAB	N	910-955	TU TH	311	FREER GYM	

P E W 110 ELEMENTARY SWIMMING.							
1 HOUR							
65879	LAB	C	1020-1050	M W F	116	E B POOL	
65886	LAB	D	1110-1140	M W F	116	E B POOL	
65893	LAB	E	12-1230	M W F	116	E B POOL	
65904	LAB	EE	1250-120	M W F	116	E B POOL	
65911	LAB	F	140-210	M W F	116	E B POOL	
65929	LAB	G	230-3	M W F	116	E B POOL	
65936	LAB	I	410-440	M W F	116	E B POOL	

P E W 111 SUB-INTERMEDIATE SWIMMING.							
1 HOUR							
65943	LAB	A	8-845	M W	116	E B POOL	
65951	LAB	B	910-955	M W	116	E B POOL	
65968	LAB	M	8-845	TU TH	116	E B POOL	
65975	LAB	N	910-955	TU TH	116	E B POOL	
65982	LAB	Q	1210-1255	TU TH	116	E B POOL	
65990	LAB	R	110-155	TU TH	116	E B POOL	

P E W 112 INTERMEDIATE SWIMMING.							
1 HOUR							
66002	LAB	O	1010-1055	TU TH	116	E B POOL	
66010	LAB	S	210-255	TU TH	116	E B POOL	
66027	LAB	T	310-355	TU TH	116	E B POOL	

P E W 114 LIFE SAVING.
PREREQUISITE: P. E. W. 112 OR EQUIVALENT.
1 HOUR

66034	LAB	J	510-555	M W	116	E B POOL
66041	LAB	W	610-655PM	TU TH	116	E B POOL
66059	LAB	OO	1010-1140	S	116	E B POOL

P E W 115 SYNCHRONIZED SWIMMING.
PREREQUISITE: P. E. W. 112.
1 HOUR

66066	LAB	U	410-455	TU TH	116	E B POOL
66073	LAB	X	710-755PM	TU TH	116	E B POOL

P E W 116 DIVING.
PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.
1 HOUR

66081	LAB	X	710-755PM	TU TH	112	H G POOL
66098	LAB	Y	810-855PM	TU TH	112	H G POOL

P E W 117 WATER SAFETY.
PREREQUISITE: AMERICAN RED CROSS SENIOR LIFE SAVING CERTIFICATE.
1 HOUR

66109	LAB	H	315-4	M W	116	E B POOL
66116	LAB	K	610-655PM	M W	116	E B POOL
66123	LAB	V	510-555	TU TH	116	E B POOL

P E W 118 COMPETITIVE SWIMMING.
PREREQUISITE: P. E. W. 112 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
1 HOUR

66131	LAB	K	710-755PM	M W	116	E B POOL
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P E W 120 HOCKEY.
1 HOUR
THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

66148	LAB	B	910-955	MTUWTH	210	FREER GYM
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P E W 121 LACROSSE.
1 HOUR
THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

66155	LAB	C	1010-1055	MTUWTH	210	FREER GYM
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P E W 122 SPEEDBALL.
1 HOUR
THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

66162	LAB	A	8-845	MTUWTH	210	FREER GYM
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P E W 123 BASKETBALL.
1 HOUR

66170	LAB	J	510-555	M W	26	E B
66187	LAB	K	610-655PM	M W	26	E B
66194	LAB	L	810-855PM	M W	310	FREER GYM
66205	LAB	Q	1210-1255	TU TH	26	E B
66212	LAB	R	110-155	TU TH	26	E B
66220	LAB	X	710-755PM	TU TH	26	E B
66237	LAB	Y	810-855PM	TU TH	26	E B

P E W 124 VOLLEYBALL.
1 HOUR
*SECTIONS X AND Y MEET WITH P. E. M. 129.

66244	LAB	A	8-845	M W	218	E B
66251	LAB	B	910-955	M W	218	E B
66269	LAB	E	1210-1255	M W	218	E B
66276	LAB	H	310-355	M W	218	E B
66283	LAB	I	410-455	M W	218	E B
66291	LAB	J	510-555	M W	218	E B
66301	LAB	K	610-655PM	M W	218	E B
66319	LAB	M	8-845	TU TH	218	E B
66326	LAB	N	910-955	TU TH	218	E B
66333	LAB	O	1010-1055	TU TH	218	E B
66341	LAB	P	1110-1155	TU TH	218	E B
66358	LAB	Q	1210-1255	TU TH	218	E B

P E W 124 CONTINUED

66365	LAB	T	310-355	TU TH	218	E B
66372	LAB	U	410-455	TU TH	218	E B
66380	LAB	V	510-555	TU TH	218	E B
66397	LAB	W	610-655PM	TU TH	218	E B
66408	LAB	*X	710-755PM	TU TH	218	E B
66415	LAB	*Y	810-855PM	TU TH	218	E B

P E W 130 BADMINTON.

1 HOUR

66422	LAB	A	8-845	M W	26	E B
66430	LAB	G	210-255	M W	26	E B
66447	LAB	H	310-355	M W	26	E B
66454	LAB	HH	310-355	M W	310	FREER GYM
66461	LAB	I	410-455	M W	26	E B
66479	LAB	II	410-455	M W	310	FREER GYM
66486	LAB	J	510-555	M W	310	FREER GYM
66493	LAB	K	610-655PM	M W	310	FREER GYM
66504	LAB	KK	710-755PM	M W	26	E B
66511	LAB	L	810-855PM	M W	26	E B
66529	LAB	M	8-845	TU TH	26	E B
66536	LAB	Q	1210-1255	TU TH	310	FREER GYM
66543	LAB	V	510-555	TU TH	26	E B
66551	LAB	VV	510-555	TU TH	310	FREER GYM
66568	LAB	W	610-655PM	TU TH	26	E B
66575	LAB	WW	610-655PM	TU TH	310	FREER GYM
66582	LAB	X	710-755PM	TU TH	310	FREER GYM

P E W 131 GOLF.

1 HOUR

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.
\$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP
TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 ON
U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3
COURSE WILL BE AN ADDITIONAL \$0.25.

ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

66590	LAB	F	110-240	M W	11	FREER GYM
66601	LAB	FF	110-240	M W	210	FREER GYM
66618	LAB	H	310-440	M W	11	FREER GYM
66625	LAB	HH	310-440	M W	210	FREER GYM
66632	LAB	P	1110-1240	TU TH	11	FREER GYM
66640	LAB	PP	1110-1240	TU TH	210	FREER GYM
66657	LAB	R	110-240	TU TH	11	FREER GYM
66664	LAB	RR	110-240	TU TH	210	FREER GYM
66671	LAB	T	310-440	TU TH	11	FREER GYM
66689	LAB	TT	310-440	TU TH	210	FREER GYM

P E W 132 BOWLING.

1 HOUR

ALLEY SERVICE CHARGE, \$7.50.

66696	LAB	A	8-845	M W	60	I U ALLEYS
66707	LAB	B	9-945	M W	60	I U ALLEYS
66714	LAB	C	10-1045	M W	60	I U ALLEYS
66721	LAB	D	11-1145	M W	60	I U ALLEYS
66739	LAB	F	1-145	M W	60	I U ALLEYS
66746	LAB	M	8-845	TU TH	60	I U ALLEYS
66753	LAB	N	9-945	TU TH	60	I U ALLEYS
66761	LAB	O	10-1045	TU TH	60	I U ALLEYS
66778	LAB	R	1-145	TU TH	60	I U ALLEYS

P E W 133 FENCING.

1 HOUR

*ALL SECTIONS MEET THE LAST EIGHT WEEKS ONLY BEGINNING NOV. 2.

66785	LAB	A	8-830	MTUWTHF	11	FREER GYM
66792	LAB	DD	1150-1230	MTUWTH	11	FREER GYM
66803	LAB	E	1240-110	MTUWTHF	11	FREER GYM
66811	LAB	F	120-150	MTUWTHF	11	FREER GYM
66828	LAB	G	2-230	MTUWTHF	11	FREER GYM
66835	LAB	GG	240-310	MTUWTHF	11	FREER GYM
66842	LAB	H	320-4	MTUWTH	11	FREER GYM
66850	LAB	I	410-450	MTUWTH	11	FREER GYM
66867	LAB	J	5-540	MTUWTH	11	FREER GYM
66874	LAB	JJ	550-630	MTUWTH	11	FREER GYM

P E W 135 ARCHERY.

1 HOUR

*SECTIONS A AND J MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCT. 30.

*SECTION D MEETS WITH P. E. M. 132 FOR THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

66900	LAB	*A	8-845	MTUWTH	11	FREER GYM
66881	LAB	B	9-945	M W	11	FREER GYM
66899	LAB	C	10-1045	M W	11	FREER GYM
66924	LAB	*D	11-1145	MTUWTH	11	FREER GYM
66917	LAB	*J	5-545	MTUWTH	11	FREER GYM

P E W 136 TENNIS.

1 HOUR

ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

66931	LAB	B	9-945	MTUWTH	207	FREER GYM
66949	LAB	C	10-1030	MTUWTHF	207	FREER GYM
66956	LAB	CC	1045-1115	MTUWTHF	207	FREER GYM
66963	LAB	D	1130-12	MTUWTHF	207	FREER GYM
66971	LAB	E	1215-1245	MTUWTHF	207	FREER GYM
66988	LAB	F	1-130	MTUWTHF	207	FREER GYM
66995	LAB	FF	145-215	MTUWTHF	207	FREER GYM
67008	LAB	G	230-3	MTUWTHF	207	FREER GYM
67015	LAB	H	315-4	MTUWTH	207	FREER GYM

P E W 138 TRACK AND FIELD.

1 HOUR

THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

67022	LAB	D	1110-1155	MTUWTH	210	FREER GYM
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P E W 139 GOLF, II.

SAME AS P. E. M. 139.

PREREQUISITE: P. E. W. 131 OR P. E. M. 138, AND CONSENT OF INSTRUCTOR.

1 HOUR

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. \$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3 COURSE WILL BE AN ADDITIONAL \$0.25.

ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

NOTE: FIRST CLASS MEETING, 210 FREER GYM.

67030	LAB	MM	9-11	M W	PAR3 RT 45 SOUTH
67047	LAB	VV	11-1	M W	PAR3 RT 45 SOUTH

P E W 140 ADVANCED TENNIS.

PREREQUISITE: P. E. W. 136 OR CONSENT OF INSTRUCTOR.

1 HOUR

ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

67054	LAB	A	8-845	MTUWTH	207	FREER GYM
67061	LAB	I	410-455	MTUWTH	207	FREER GYM

P E W 142 BALLROOM DANCE.

1 HOUR

MEETS WITH P.E.M. 142.

67079	LAB	G	2-245	M W	302	H G
67086	LAB	H	3-345	M W	302	H G
67093	LAB	HH	3-345	M W	6	OGLESBY
67104	LAB	I	4-445	M W	6	OGLESBY
67111	LAB	KK	7-745PM	M W	6	OGLESBY
67129	LAB	N	9-945	TU TH	302	H G
67136	LAB	O	10-1045	TU TH	302	H G
67143	LAB	P	11-1145	TU TH	302	H G

P E W 143 AMERICAN SQUARE DANCE.

1 HOUR

MEETS WITH P.E.M. 143.

67154	LAB	T	1	TU TH	302	H G
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P E W 144 TECHNIQUES IN ANGLING.

SAME AS P. E. M. 144.

1 HOUR

MEETS FOR THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

67168	LAB	G	2	MTUWTHF	120N	ICE RINK
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P E W 145 FIGURE SKATING.

1 HOUR

MEETS WITH P.E.M. 145.

ALL SECTIONS MEET LAST EIGHT WEEKS ONLY, BEGINNING NOVEMBER 2.

67175	LAB	A	8-830	MTUWTHF	120S	ICE RINK
67182	LAB	B	9-945	MTUWTH	120S	ICE RINK
67190	LAB	C	1010-1040	MTUWTHF	120S	ICE RINK
67201	LAB	D	1110-1140	MTUWTHF	120S	ICE RINK
67218	LAB	E	1210-1240	MTUWTHF	120S	ICE RINK
67225	LAB	F	110-140	MTUWTHF	120S	ICE RINK
67232	LAB	G	210-240	MTUWTHF	120S	ICE RINK

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE

117 FREER GYM

COURSES FOR UNDERGRADUATES

P E W 150 PROFESSIONAL ORIENTATION.

2 HOURS

*SECTION H IS FOR TRANSFER STUDENTS. REGISTER FOR LECT.-DISC. H ONLY.

67240	LECT	U	4	TU	135	A S L
67257	DISC	T1	3	TU TH	393	BEV HALL
67264	DISC	T2	3	TU TH	316S	M H
67271	DISC	T3	3	TU TH	320	M H
67296	DISC	T4	3	TU TH	130	FREER GYM
67289	LECT-DISC	*H	3	M W	130	FREER GYM

P E W 151 BASIC MOVEMENT AND BODY MECHANICS.

1 HOUR

67307	LAB	C	10	M W F	311	FREER GYM
67314	LAB	D	11	M W F	311	FREER GYM
67321	LAB	O	10	TU TH	311	FREER GYM
		O	10	F	310	FREER GYM
67339	LAB	P	11	TU TH	311	FREER GYM
		P	11	F	310	FREER GYM

P E W 152 HOCKEY AND VOLLEYBALL.

1 HOUR

67346	LAB	C	10-12	M W	310	FREER GYM
67353	LAB	O	10-12	TU TH	310	FREER GYM
67361	LAB	F	1-3	M W	310	FREER GYM
67378	LAB	R	1-3	TU TH	310	FREER GYM

P E W 154 SOFTBALL AND GYMNASTICS AND APPARATUS I.

1 HOUR

67385	LAB	F1	1-3	M W	311	FREER GYM
67392	LAB	F2	1-3	M W	311	FREER GYM
67403	LAB	R1	1-3	TU TH	311	FREER GYM
67411	LAB	R2	1-3	TU TH	311	FREER GYM

P E W 156 STUNTS, TUMBLING, AND TRAMPOLINE.

PREREQUISITE: P. E. W. 151.

1 HOUR

67428	LAB	F1	1-3	F	311	FREER GYM
		F1	7-9PM	W	312NE	M O G
67435	LAB	F2	1-3	F	215	FREER GYM
		F2	7-9PM	W	312NE	M O G

P E W 165 TEACHING OF SWIMMING.

PREREQUISITE: SOPHOMORE STANDING, P. E. W. 112 AND 151.

2 HOURS

*ONE ADDITIONAL HOUR TO BE ARRANGED.

67442	LECT	C	10	TU TH	11	E B
	LAB	C	*11	TU TH	116	E B POOL

P E W 166 ELEMENTARY SCHOOL GAMES.
 PREREQUISITE: SOPHOMORE STANDING; CREDIT OR REGISTRATION IN PSYCH.
 216 OR 217 OR EDPSY. 236.
 3 HOURS
 *ONE ADDITIONAL HOUR CONFERENCE PER WEEK TO BE ARRANGED.
 MEETS WITH P.E.M. 166.
 67450 LECT-DISC M *9-11 TU TH 11 FREER GYM

P E W 167 TEACHING OF GYMNASTICS AND DANCE.
 PREREQUISITE: JUNIOR STANDING, P. E. W. 154, 155, 166, DANCE 160.
 2 HOURS
 67467 LAB-DISC E1 12 M W F 311 FREER GYM
 67474 LAB-DISC E2 12 M W F 310 FREER GYM

P E W 180 BASKETBALL OFFICIATING.
 1 HOUR
 67481 LAB-DISC X1 7PM M W 310 FREER GYM

COURSES FOR ADVANCED UNDERGRADUATES

P E W 204 ORGANIZATION OF PHYSICAL EDUCATION.
 PREREQUISITE: CONCURRENT REGISTRATION IN ED. PR. 238, 242, AND 250.
 3 HOURS
 WILL NOT MEET DURING THE TEN-WEEK STUDENT TEACHING PERIOD.
 67499 LECT-DISC B 9 MTUWTH 36 COMM W

P E W 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION, AND
 RECREATION.
 PREREQUISITE: JUNIOR STANDING. CONCURRENT REGISTRATION IN P. E. W.
 213 AND 215.
 3 HOURS
 67500 LECT-DISC D 9 TU N107 T H
 D 10 TU TH N107 T H

P E W 206 KINESIOLOGY.
 SAME AS P. E. M. 206.
 PREREQUISITE: PHYSL. 103 AND 234.
 3 HOURS
 67517 LECT-DISC C 10 MTUWTH 207A H G
 67524 LECT-DISC E 1-3 M W 130 FREER GYM
 67531 LECT-DISC R 1-3 TU TH 130 FREER GYM

P E W 208 THEORY OF PRESCRIBING EXERCISE.
 PREREQUISITE: P. E. W. 206. CONCURRENT REGISTRATION IN P. E. W.
 222.
 3 HOURS
 TWO LAB HOURS TO BE ARRANGED FOR IN EXERCISE CLINIC, 3-5 M-W-F.
 67549 LECT-DISC D *11 TU TH 130 FREER GYM
 67556 LECT-DISC F *12 M W 130 FREER GYM

P E W 209 HISTORY OF SPORT.
 SAME AS P. E. M. 209.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS
 67563 LECT-DISC D 11 M W F 209 H G
 67571 LECT-DISC E 1 M W N107 T H
 E 2 M N107 T H

P E W 213 TEACHING OF TEAM SPORTS.
 PREREQUISITE: JUNIOR STANDING; P. E. W. 151, 152, 153, 154, 166 AND
 P. E. W. 165 OR 214, OR CONSENT OF INSTRUCTOR. CONCURRENT
 REGISTRATION IN P. E. W. 205 AND 215.
 4 HOURS
 67588 LECT-DISC A 8-10 M W 130 FREER GYM
 A 9 TH HOCKEY FLD FREER

P E W 214 TEACHING OF INDIVIDUAL SPORTS.
 PREREQUISITE: JUNIOR STANDING; P. E. W. 151, 153, 155, 166 OR
 CONSENT OF INSTRUCTOR.
 2 HOURS
 67595 LECT-DISC M1 8 TU 130 FREER GYM
 M1 9 TU TH 130 FREER GYM
 67606 LECT-DISC M2 8 TH 310 FREER GYM
 M2 9 TU TH 310 FREER GYM

P E W 215 SUPERVISED EXPERIENCE AND TEACHING, II.
 PREREQUISITE: JUNIOR STANDING; P. E. W. 216; CONCURRENT
 REGISTRATION IN P. E. W. 205 AND 213.
 0 CREDIT
 67613 LAB M 8 TH 130 FREER GYM

P E W 216 SUPERVISED EXPERIENCE AND TEACHING, I.
 PREREQUISITE: JUNIOR STANDING; P. E. W. 166; COMPLETION OF ONE
 ELECTED INDIVIDUAL SPORT.
 0 CREDIT
 67621 LAB M1 8 TH 207B FREER GYM
 67638 LAB M2 8 TU 310 FREER GYM

P E W 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
 PREREQUISITE: JUNIOR STANDING, NON-PHYSICAL EDUCATION MAJOR.
 2 HOURS
 MEETS WITH P.E.M. 220.
 67645 LECT-DISC E1 1 M W F 218 E B
 67652 LECT-DISC E2 1 M W F 11 E B
 67660 LECT-DISC F1 2 M W F 218 E B

P E W 222 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.
 PREREQUISITE: P. E. W. 154 AND 166, DANCE 235, 48 OR MORE HOURS
 OF APPROVED LABORATORY WORK WITH CHILDREN OR CONSENT OF INSTRUCTOR.
 CONCURRENT REGISTRATION IN P. E. W. 208.
 2 HOURS
 67677 LECT-DISC C 10 M W F 130 FREER GYM
 67684 LECT-DISC D 11 M W F 130 FREER GYM

P E W 235 SQUARE AND BALLROOM DANCE.
 2 HOURS
 MEETS WITH P. E. M. 235.
 67691 LAB R1 1-3 TU TH 218 E B
 67702 LAB X1 7-9PM M W 218 E B

P E W 240 PHYSIOLOGY OF HUMAN EXERCISE.
 SAME AS P. E. M. 240.
 PREREQUISITE: PHYSL. 103 AND 234.
 3 HOURS
 67710 LECT-DISC F 2 MTUWTH 207A H G

P E W 250 SPECIAL PROBLEMS.
 PREREQUISITE: JUNIOR OR SENIOR STANDING; GRADE-POINT AVERAGE OF
 3.5; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
 *MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS CREDIT.
 *2 OR 3 HOURS
 67727 LECT-DISC ARR

P E W 260 HONORS SEMINAR.
 SAME AS H. ED., P. E. M., AND REC. 260.
 PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
 PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD
 OF DEPARTMENT.
 *MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
 *2 HOURS
 SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
 SECTION &X2 TOPIC: INTRODUCTION TO RESEARCH.
 67734 LECT-DISC &X1 7-9PM W 207B FREER GYM
 67741 LECT-DISC &X2 7-9PM W 15 E B

PHYSICS

DEPARTMENT OFFICE

211 P B

ENGINEERING PHYSICS CURRICULUM--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. CURRICULUM IN PHYSICS--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. GENERAL CURRICULUM MAJOR: TWENTY HOURS IN PHYSICS, INCLUDING PHYSICS 321, 341, AND 342, AND EXCLUDING COURSES WITH NUMBERS LOWER THAN 270.

L.A.S. GENERAL CURRICULUM MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH NOT LESS THAN EIGHT HOURS IN EACH IF TWO ARE CHOSEN--ASTRONOMY, CHEMISTRY, EDUCATION, GEOLOGY, MATHEMATICS, ZOOLOGY OR ANY ONE BRANCH OF ENGINEERING.

PHYSICS 101 AND 102 ARE RECOMMENDED TO PREMEDICAL, PREDEENTAL, ARCHITECTURE, AND OTHER STUDENTS NOT SPECIALIZING IN PHYSICS, MATHEMATICS, CHEMISTRY OR ENGINEERING.

THE CALCULUS PREREQUISITE FOR CERTAIN COURSES MAY BE SATISFIED EITHER BY MATH. 132 AND 142, OR MATH. 133 AND 143.

COURSES FOR UNDERGRADUATES

PHYCS 101 GENERAL PHYSICS (MECHANICS, HEAT, AND SOUND).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: TRIGONOMETRY.
5 HOURS

67759	LECT	A	10	TU TH	141	P B	
67766	LECT	B	1	TU TH	141	P B	SUTTON
67773	LAB	A1	8-11	M	132	P B	SUTTON
	QUIZ	A1	8-10	W	147	P B	
67781	LAB	A2	9-12	M	164	P B	
	QUIZ	A2	10-12	W	147	P B	
67798	LAB	B1	12-3	M	132	P B	
	QUIZ	B1	1-3	W	147	P B	
67809	LAB	B2	12-3	M	164	P B	
	QUIZ	B2	1-3	W	319	CER	
67816	LAB	C1	3-6	M	132	P B	
	QUIZ	C1	3-5	W	147	P B	
67823	LAB	C2	3-6	M	164	P B	
	QUIZ	C2	3-5	W	137	P B	
67831	LAB	D1	9-12	TU	132	P B	
	QUIZ	D1	10-12	TH	132	P B	
67848	LAB	E1	12-3	TU	132	P B	
	QUIZ	E1	1-3	TH	136	M E B	
67855	LAB	E2	12-3	TU	164	P B	
	QUIZ	E2	1-3	TH	143	P B	
67862	LAB	F1	3-6	TU	132	P B	
	QUIZ	F1	3-5	TH	137	P B	
67870	LAB	F2	3-6	TU	164	P B	
	QUIZ	F2	3-5	TH	143	P B	
67887	LAB	G1	8-11	W	132	P B	
	QUIZ	G1	8-10	M	147	P B	
67894	LAB	G2	9-12	W	164	P B	
	QUIZ	G2	10-12	M	147	P B	
67905	LAB	H1	12-3	W	132	P B	
	QUIZ	H1	1-3	M	147	P B	
67912	LAB	H2	12-3	W	164	P B	
	QUIZ	H2	1-3	M	143	P B	
67920	LAB	I1	3-6	W	132	P B	
	QUIZ	I1	3-5	M	143	P B	
67937	LAB	I2	3-6	W	164	P B	
	QUIZ	I2	3-5	M	137	P B	
67944	LAB	K1	12-3	TH	132	P B	
	QUIZ	K1	1-3	TU	143	P B	
67951	LAB	K2	12-3	TH	164	P B	
	QUIZ	K2	1-3	TU	136	M E B	
67969	LAB	L1	3-6	TH	132	P B	
	QUIZ	L1	3-5	TU	319	CER	

PHYS 101	CONTINUED					
67976	LAB	L2	3-6		TH	164 P B
	QUIZ	L2	3-5	TU		158 P B
67983	LAB	N1	12-3		F	132 P B
	QUIZ	N1	1-3	W		320 P B
67991	LAB	N2	12-3		F	164 P B
	QUIZ	N2	1-3	W		143 P B
68003	LAB	O2	3-6		F	164 P B
	QUIZ	O2	3-5	W		139 P B

PHYS 102 GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: PHYS. 101.

5 HOURS

68011	LECT		2		TU TH	151 P B
68028	LAB	A	9-12	M		32 P B
	QUIZ	A	10-12		W	32 P B
68035	LAB	B	12-3	M		32 P B
	QUIZ	B	1-3		W	32 P B
68042	LAB	C	3-6	M		32 P B
	QUIZ	C	3-5		W	32 P B
68050	LAB	D	9-12	TU		32 P B
	QUIZ	D	10-12		TH	32 P B
68067	LAB	F	3-6	TU		32 P B
	QUIZ	F	3-5		TH	32 P B
68074	LAB	N	12-3		F	32 P B
	QUIZ	N	7-9PM	TU		32 P B
68081	LAB	O	3-6		F	32 P B
	QUIZ	O	7-9PM	W		32 P B

WORTIS

PHYS 106 GENERAL PHYSICS (MECHANICS).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: MATH. 120; CREDIT OR REGISTRATION IN MATH. 130 OR 131

4 HOURS

68099	LECT	A	9		TU TH	151 P B
68100	LECT	B	11		TU TH	151 P B
68117	LAB	A3	8-10		F	232 P B
	QUIZ	A3	8-10	M		232 P B
68124	LAB	B3	8-10		F	264 P B
	QUIZ	B3	8-10	M		264 P B
68131	LAB	C3	10-12		F	232 P B
	QUIZ	C3	10-12	M		232 P B
68245	LAB	D3	10-12		F	264 P B
	QUIZ	D3	10-12	M		264 P B
68149	LAB	E2	1-3		W	232 P B
	QUIZ	E2	1-3		F	147 P B
68156	LAB	E3	1-3		F	232 P B
	QUIZ	E3	1-3	M		232 P B
68163	LAB	F2	1-3		W	264 P B
	QUIZ	F2	1-3		F	137 P B
68171	LAB	F3	1-3		F	264 P B
	QUIZ	F3	1-3	M		264 P B
68188	LAB	G2	3-5		W	232 P B
	QUIZ	G2	3-5		F	232 P B
68195	LAB	H2	3-5		W	264 P B
	QUIZ	H2	3-5		F	264 P B
68252	LAB	M1	1-3		TU	264 P B
	QUIZ	M1	1-3		TH	137 P B
68206	LAB	M2	1-3		TH	264 P B
	QUIZ	M2	1-3	TU		137 P B
68213	LAB	N1	1-3		TU	232 P B
	QUIZ	N1	1-3		TH	158 P B
68221	LAB	N2	1-3		TH	232 P B
	QUIZ	N2	1-3	TU		158 P B
68238	LAB	O1	3-5		TU	232 P B
	QUIZ	O1	3-5		TH	232 P B

O'HALLORAN
O'HALLORAN

PHYS 107 GENERAL PHYSICS (HEAT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYS. 106; CREDIT OR REGISTRATION IN MATH. 140
OR 141.

4 HOURS

68260	LECT	A	1	M	W	141	P	B	LAVATELLI
68277	LECT	B	2	M	W	141	P	B	LAVATELLI
68284	LECT	C	4	M	W	141	P	B	LAVATELLI
68291	LAB	A2	8-10		W	234	P	B	
	QUIZ	A2	8-10			147	P	B	
68302	LAB	A3	8-10		F	234	P	B	
	QUIZ	A3	8-10	M		137	P	B	
68310	LAB	B2	8-10		W	262	P	B	
	QUIZ	B2	8-10			139	P	B	
68327	LAB	B3	8-10		F	262	P	B	
	QUIZ	B3	8-10	M		139	P	B	
68334	LAB	C2	10-12		W	234	P	B	
	QUIZ	C2	10-12			139	P	B	
68341	LAB	C3	10-12		F	234	P	B	
	QUIZ	C3	10-12	M		143	P	B	
68619	LAB	D2	10-12		W	262	P	B	
	QUIZ	D2	10-12			319	CER		
68626	LAB	D3	10-12		F	262	P	B	
	QUIZ	D3	10-12	M		139	P	B	
68633	LAB	E1	1-3	M		234	P	B	
	QUIZ	E1	1-3		W	139	P	B	
68359	LAB	E2	1-3		W	234	P	B	
	QUIZ	E2	1-3			139	P	B	
68366	LAB	E3	1-3		F	234	P	B	
	QUIZ	E3	1-3	M		143A	M	E	B
68373	LAB	F1	1-3	M		262	P	B	
	QUIZ	F1	1-3		W	236	P	B	
68381	LAB	F2	1-3		W	262	P	B	
	QUIZ	F2	1-3			143	P	B	
68398	LAB	F3	1-3		F	262	P	B	
	QUIZ	F3	1-3	M		139	P	B	
68409	LAB	G1	3-5	M		234	P	B	
	QUIZ	G1	3-5		W	234	P	B	
68416	LAB	G2	3-5			234	P	B	
	QUIZ	G2	3-5	M		139	P	B	
68423	LAB	H1	3-5	M		262	P	B	
	QUIZ	H1	3-5		W	143	P	B	
68431	LAB	I1	8-10	TU		234	P	B	
	QUIZ	I1	8-10		TH	139	P	B	
68448	LAB	I2	8-10		TH	234	P	B	
	QUIZ	I2	8-10			139	P	B	
68455	LAB	I3	8-10		S	234	P	B	
	QUIZ	I3	8-10		S	137	P	B	
68462	LAB	J1	8-10	TU		262	P	B	
	QUIZ	J1	8-10		TH	232	P	B	
68470	LAB	J2	8-10		TH	262	P	B	
	QUIZ	J2	8-10	TU		139	P	B	
68487	LAB	J3	8-10		S	262	P	B	
	QUIZ	J3	8-10	TU		236	P	B	
68641	LAB	K1	10-12	TU		234	P	B	
	QUIZ	K1	10-12		TH	232	P	B	
68505	LAB	K2	10-12		TH	262	P	B	
	QUIZ	K2	10-12		S	143	P	B	
68512	LAB	K3	10-12		S	234	P	B	
	QUIZ	K3	10-12	TU		139	P	B	
68658	LAB	L1	10-12	TU		262	P	B	
	QUIZ	L1	10-12		TH	139	P	B	
68520	LAB	L2	10-12		TH	234	P	B	
	QUIZ	L2	10-12		S	137	P	B	
68665	LAB	M1	1-3	TU		234	P	B	
	QUIZ	M1	1-3		TH	139	P	B	
68537	LAB	M2	1-3		TH	234	P	B	
	QUIZ	M2	1-3	TU		139	P	B	
68544	LAB	N1	1-3	TU		262	P	B	
	QUIZ	N1	1-3		TH	136	P	B	
68672	LAB	N2	1-3		TH	262	P	B	
	QUIZ	N2	1-3	TU		136	P	B	
68551	LAB	O1	3-5	TU		234	P	B	
	QUIZ	O1	3-5		TH	139	P	B	
68569	LAB	O2	3-5		TH	234	P	B	
	QUIZ	O2	3-5	TU		139	P	B	
68576	LAB	P1	3-5	TU		262	P	B	
	QUIZ	P1	3-5		TH	147	P	B	
68583	LAB	P2	3-5		TH	262	P	B	
	QUIZ	P2	3-5	TU		137	P	B	
68591	LAB	R1	7-9PM		TH	234	P	B	
	QUIZ	R1	3-5	TU		264	P	B	
68601	LAB	R2	7-9PM		TH	262	P	B	
	QUIZ	R2	3-5	TU		136	P	B	

PHYS 108 GENERAL PHYSICS (WAVE MOTION, SOUND, LIGHT AND MODERN PHYSICS).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.

PREREQUISITE: PHYS. 107; CREDIT OR REGISTRATION IN MATH. 140 OR 141.

4 HOURS

68680	LECT		9	M	W	141	P	B	SALAMON
68697	LAB	D1	10-12		F	258	P	B	
	QUIZ	D1	10-12	M		258	P	B	
68708	LAB	D3	10-12		F	236	P	B	
	QUIZ	D3	10-12	M		236	P	B	
68715	LAB	F1	1-3		W	258	P	B	
	QUIZ	F1	1-3		F	319	CER		
68722	LAB	F2	1-3		F	236	P	B	
	QUIZ	F2	1-3	M		236	P	B	
68730	LAB	F3	1-3		F	258	P	B	
	QUIZ	F3	1-3	M		258	P	B	
68747	LAB	G1	3-5		W	236	P	B	
	QUIZ	G1	3-5		F	236	P	B	
68754	LAB	H1	3-5		W	258	P	B	
	QUIZ	H1	3-5		F	258	P	B	
68761	LAB	K1	10-12		TH	236	P	B	
	QUIZ	K1	10-12	TU		236	P	B	
68804	LAB	L1	10-12		TH	258	P	B	
	QUIZ	L1	10-12	TU		258	P	B	
68811	LAB	M1	1-3		TH	236	P	B	
	QUIZ	M1	1-3	TU		236	P	B	
68779	LAB	N1	1-3		TH	258	P	B	
	QUIZ	N1	1-3	TU		258	P	B	
68786	LAB	O2	3-5		TH	236	P	B	
	QUIZ	O2	3-5	TU		236	P	B	
68793	LAB	P2	3-5		TH	258	P	B	
	QUIZ	P2	3-5	TU		258	P	B	

PHYS 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

68829 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PHYS 303 MODERN EXPERIMENTAL PHYSICS, I.

PREREQUISITE: PHYS. 342; REGISTRATION IN PHYS. 381 OR 386.

5 HOURS OR 1 UNIT

*FOR HONORS STUDENTS.

68836	LECT		3-5	M		136	P	B	DEBRUNNER, MOCHEL
68843	LAB	A	1-5		W F	336	P	B	
68851	LAB	B	1-5	TU	TH	336	P	B	
68868	LAB	*EC	ARR						

PHYS 304 MODERN EXPERIMENTAL PHYSICS, II.

PREREQUISITE: PHYS. 303.

5 HOURS OR 1 UNIT

*FOR HONORS STUDENTS.

68875	LAB	A	1-5		W F	336	P	B	
68882	LAB	B	1-5	TU	TH	336	P	B	
68890	LAB	*EC	ARR						

PHYS 321 THEORETICAL MECHANICS.

PREREQUISITE: GENERAL PHYSICS, CONCURRENT REGISTRATION IN MATH. 341, 345, OR 349.

*NO GRADUATE CREDIT IS GIVEN TO GRADUATE MAJORS IN PHYSICS.

*4 HOURS OR 1 UNIT

68901	LECT	A	10	M	W F	136	P	B	EISENSTEIN MORTARA
68918	LECT	B	11	M	W F	136	P	B	

PHYS 322 THEORETICAL MECHANICS.

PREREQUISITE: PHYS. 321.

4 HOURS OR 1 UNIT

*GRADUATE STUDENTS SHOULD REGISTER IN LECT. B.

68925	LECT	A	11	M	W F	137	P	B	GRANATO STACK
68932	LECT	*B	1-220	M	W	144	P	B	

PHYS 341	ELECTRICITY AND MAGNETISM.									
	PREREQUISITE: GENERAL PHYSICS, REGISTRATION IN MATH. 341, 343, OR 345, OR CONSENT OF INSTRUCTOR.									
	*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.									
	*4 HOURS, OR 1/2 OR 1 UNIT									
68940	LECT	A	9	M	W	F	158	P	B	GINSBERG BRUSSEL
68957	LECT	B	10	M	W	F	144	P	B	
68964	LAB	A	2-5	M			332	P	B	
68971	LAB	B	9-12	TU			332	P	B	
68989	LAB	C	1-4	TU			332	P	B	
68996	LAB	D	2-5		W		332	P	B	
69009	LAB	E	9-12			TH	332	P	B	
69016	LAB	F	1-4			TH	332	P	B	
69023	LAB	G	2-5			F	332	P	B	
PHYS 342	ELECTRICITY AND MAGNETISM.									
	PREREQUISITE: PHYSICS. 341.									
	*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.									
	*4 HOURS, OR 1/2 OR 1 UNIT									
69031	LECT	A	9	M	W	F	143	P	B	LYMAN ROBINSON
69048	LECT	B	10	M	W	F	137	P	B	
69055	LAB	A	2-5	M			364	P	B	
69062	LAB	B	9-12	TU			364	P	B	
69070	LAB	C	1-4	TU			364	P	B	
69087	LAB	D	2-5		W		364	P	B	
69094	LAB	E	1-4			TH	364	P	B	
69105	LAB	F	2-5			F	364	P	B	
PHYS 344	ELECTRONIC CIRCUITS.									
	PREREQUISITE: PHYSICS. 343 OR EQUIVALENT.									
	5 HOURS OR 1 UNIT									
69112	LECT		1	M	W		137	P	B	PEACOCK
69120	LAB	A	2-5	M	W		434	P	B	
69137	LAB	B	1-4	TU	TH		434	P	B	
PHYS 360	THERMODYNAMICS.									
	PREREQUISITE: GENERAL PHYSICS AND CALCULUS.									
	4 HOURS OR 1 UNIT									
69144	LECT		11	M	W	F	158	P	B	ANDERSON
PHYS 362	KINETIC THEORY AND STATISTICS.									
	PREREQUISITE: PHYSICS. 360 OR CONSENT OF INSTRUCTOR.									
	3 HOURS OR 1 UNIT									
69151	LECT		10-1120	TU	TH		158	P	B	
PHYS 371	LIGHT.									
	PREREQUISITE: GENERAL PHYSICS, MATH. 345, OR CONSENT OF INSTRUCTOR.									
	4 HOURS, OR 1/2 TO 1 UNIT									
69169	LECT		10-1120	TU	TH		144	P	B	KOESTER
69176	LAB	A	1-4	TU			432	P	B	
69183	LAB	B	2-5		W		432	P	B	
69191	LAB	C	1-4			TH	432	P	B	
PHYS 381	ATOMIC PHYSICS.									
	SAME AS CHEM. 396.									
	PREREQUISITE: GENERAL PHYSICS AND MATH: 343 OR 345.									
	*CREDIT NOT ALLOWED FOR PHYSICS. 381 OR CHEM. 396 IN ADDITION TO PHYSICS. 386.									
	*4 HOURS OR 1 UNIT									
69201	LECT		10	M	W	F	158	P	B	
PHYS 383	ATOMIC PHYSICS AND QUANTUM THEORY.									
	PREREQUISITE: GENERAL PHYSICS, GENERAL CHEMISTRY, MATH. 345, OR EQUIVALENT.									
	3 HOURS, OR 3/4 OR 1 UNIT									
69219	LECT	A	9	M	W	F	151	P	B	WILLIAMS JACKSON
69226	LECT	B	11	M	W	F	151	P	B	
PHYS 385	INTRODUCTION TO QUANTUM MECHANICS.									
	PREREQUISITE: MATH. 343, 345, OR CONSENT OF INSTRUCTOR.									
	*CREDIT NOT ALLOWED FOR PHYSICS. 385 IN ADDITION TO PHYSICS. 387.									
	*4 HOURS OR 1 UNIT									
69233	LECT		830-10	TU	TH		143	P	B	HOLLOWAY

PHYCS 386	ATOMIC PHYSICS AND QUANTUM MECHANICS, I. PREREQUISITE: GENERAL PHYSICS; MATH. 343 OR 345 OR CONSENT OF INSTRUCTOR. *CREDIT NOT ALLOWED FOR PHYCS. 386 IN ADDITION TO PHYCS. 381 OR CHEM. 396. *4 HOURS OR 1 UNIT												
69241	LECT	9	M	W	F	144	P	B	KRUSE, STAPLETON				
PHYCS 387	ATOMIC PHYSICS AND QUANTUM MECHANICS, II. PREREQUISITE: PHYCS. 386. *CREDIT NOT ALLOWED FOR PHYCS. 387 IN ADDITION TO PHYCS. 385. *4 HOURS OR 1 UNIT												
69258	LECT	1-220	TU	TH	144	P	B	ASCOLI					
COURSES FOR GRADUATES													
PHYCS 400	PROBLEMS AND METHODS OF MATHEMATICAL PHYSICS. PREREQUISITE: MATH. 342 OR 345 OR 347, OR 387, PHYCS. 322 AND 342, OR CONSENT OF INSTRUCTOR. 1 UNIT												
69265	LECT	830-10	TU	TH	144	P	B	SULLIVAN					
PHYCS 435	THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES. SAME AS E.E. 435. PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS. 1 UNIT												
69272	DISC	R	1-230	TU	TH	335	E	E	B	SAH			
PHYCS 441	ELECTRODYNAMICS. PREREQUISITE: PHYCS. 342 OR EQUIVALENT, REGISTRATION IN PHYCS. 400 OR CONSENT OF INSTRUCTOR. 1 UNIT												
69280	LECT	10	M	W	F	151	P	B	SMITH				
PHYCS 442	ELECTRODYNAMICS. PREREQUISITE: PHYCS. 441. 1 UNIT												
69297	LECT	10-1120	TU	TH	136	P	B	ADLER					
PHYCS 462	STATISTICAL MECHANICS AND KINETIC THEORY. PREREQUISITE: PHYCS. 360 AND ELEMENTARY QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR. 1 UNIT												
69308	LECT	10-1120	TU	TH	137	P	B	WRIGHT					
PHYCS 470	INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS. PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR. 1 UNIT												
69315	LECT	1-220	M	W	151	P	B	SCHULT					
PHYCS 476	PARTICLE PHYSICS II. PREREQUISITE: PHYCS. 475. 1 UNIT												
69322	LECT	3-420	W	F	136	P	B	WATTENBERG					
PHYCS 477	SEMINAR IN HIGH-ENERGY PHYSICS. PREREQUISITE: PHYCS. 470 OR CONSENT OF INSTRUCTOR. *MAY BE REPEATED. *1/2 UNIT												
69330	DISC	3-430	TU	143	P	B	RAVENHALL						
PHYCS 480	QUANTUM MECHANICS, I. PREREQUISITE: SENIOR LEVEL ATOMIC PHYSICS AND QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR. 1 UNIT												
69347	LECT	11	M	W	F	144	P	B	JONES, TREFIL				
PHYCS 481	QUANTUM MECHANICS, II. PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR. 1 UNIT												
69354	LECT	1-220	TU	TH	147	P	B	WYLD					

PHYCS 483 GENERAL FIELD THEORY.
 PREREQUISITE: PHYCS. 481 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 69361 LECT 9 M W F 136 P B CHANG

PHYCS 489 SOLID STATE PHYSICS, I.
 PREREQUISITE: PHYCS. 360, 362, 361, 480, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 69379 LECT 830-10 TU TH 136 P B FLYNN

PHYCS 490 SOLID STATE PHYSICS, II.
 PREREQUISITE: PHYCS. 489 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 69386 LECT 830-10 TU TH 158 P B KLEIN

PHYCS 497 INDIVIDUAL STUDY.
 1/2 OR 1 UNIT
 69393 CONF A ARR STAFF
 69404 CONF B ARR STAFF

PHYCS 498 SEMINAR.
 1/2 OR 1 UNIT
 *LECT S: NEUTRON STARS (1 UNIT).
 *LECT. T: ELECTROMAGNETIC INTERACTIONS IN NUCLEI AT INTERMEDIATE ENERGIES. 1 UNIT.
 *LECT. U: SUBJECT TO BE ANNOUNCED. 1 UNIT.
 69411 LECT *S 1-230 M W 158 P B BAYM
 69429 LECT *T 1-220 M W 136 P B RAVENHALL
 69436 LECT *U 10-1120 TU TH 143 P B

PHYCS 499 THESIS RESEARCH.
 0 TO 4 UNITS
 69443 CONF APP

PHYSIOLOGY

DEPARTMENT OFFICE

524 BUR HALL

MAJOR: THE MAJOR CONSISTS OF TWENTY HOURS IN ANIMAL PHYSIOLOGY OR CLOSELY RELATED SUBJECTS LISTED IN THE LAST TWO SENTENCES BELOW, NOT INCLUDING ELEMENTARY COURSES, AND INCLUDING PHYSYL. 301 AND PHYSYL. 302. THE STUDENT'S PROGRAM MUST INCLUDE A YEAR OF GENERAL BIOLOGY, INCLUDING BOTH ANIMAL AND PLANT CALCULUS, A SEMESTER OF GENETICS, MATHEMATICS THROUGH ELEMENTARY CALCULUS, TWO SEMESTERS OF PHYSICS, AND FOUR SEMESTERS OF CHEMISTRY INCLUDING GENERAL, INORGANIC, ORGANIC AND QUANTITATIVE CHEMISTRY. MICROBIOLOGY, EMBRYOLOGY, HISTOLOGY, PHYSICAL CHEMISTRY AND BIOCHEMISTRY ARE RECOMMENDED STRONGLY. WITH THE APPROVAL OF THE ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, BIOPHYSICS, AND PLANT PHYSIOLOGY MAY BE COUNTED TOWARD THE MAJOR.

MINOR: TWENTY HOURS MAY BE CHOSEN FROM PHYSICS, CHEMISTRY, MICROBIOLOGY OR ZOOLOGY, PROVIDED AT LEAST 8 SEMESTER HOURS ARE OFFERED IN THE LESSER, IF TWO MINORS ARE CHOSEN.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST ENROLL IN PHYSIOLOGY 290 READING COURSE, WORK WITH AN ADVISER FOR AT LEAST TWO SEMESTERS, AND TAKE A GENERAL EXAMINATION IN THE LAST SEMESTER OF THE SENIOR YEAR.

COURSES FOR UNDERGRADUATES

PHYSL 103 INTRODUCTION TO HUMAN PHYSIOLOGY.

PREREQUISITE: CHEM. 100 OR EQUIVALENT. A FAMILIARITY WITH
THE PRINCIPLES OF BIOLOGY IS RECOMMENDED.

4 HOURS

STUDENTS IN LAB-DISC SECTIONS OF THE A OR B SERIES MAY
REGISTER IN ANY LECTURE.

69451	LECT	A	2	M	W	228	N	H	B	
69468	LECT	B	10	TU	TH	228	N	H	B	TAYLOR, WILLIS
69475	LAB-DISC	1 A	8-10			310	H	H		AND BADGER
		1 A	8-10		W	304	H	H		
69482	LAB-DISC	1 B	8-10	M		312	H	H		
		1 B	8-10		W	304A	H	H		
69490	LAB-DISC	2 A	10-12	M		310	H	H		
		2 A	10-12		W	304	H	H		
69501	LAB-DISC	2 B	10-12	M		312	H	H		
		2 B	10-12		W	304A	H	H		
69518	LAB-DISC	3 A	1-3	M		310	H	H		
		3 A	1-3		W	304	H	H		
69525	LAB-DISC	3 B	1-3	M		312	H	H		
		3 B	1-3		W	304A	H	H		
69532	LAB-DISC	4 A	3-5	M		310	H	H		
		4 A	3-5		W	304	H	H		
69540	LAB-DISC	4 B	3-5	M		312	H	H		
		4 B	3-5		W	304A	H	H		
69557	LAB-DISC	5 A	8-10	TU		310	H	H		
		5 A	8-10		TH	304	H	H		
69564	LAB-DISC	5 B	8-10	TU		312	H	H		
		5 B	8-10		TH	304A	H	H		
69571	LAB-DISC	6 A	10-12	TU		310	H	H		
		6 A	10-12		TH	304	H	H		
69589	LAB-DISC	6 B	10-12	TU		312	H	H		
		6 B	10-12		TH	304A	H	H		
69596	LAB-DISC	7 A	1-3	TU		310	H	H		
		7 A	1-3		TH	304	H	H		
69607	LAB-DISC	7 B	1-3	TU		312	H	H		
		7 B	1-3		TH	304A	H	H		
69614	LAB-DISC	8 A	3-5	TU		310	H	H		
		8 A	3-5		TH	304	H	H		
69621	LAB-DISC	9 A	8-10		W	310	H	H		
		9 A	8-10		F	304	H	H		
69639	LAB-DISC	9 B	8-10		W	312	H	H		
		9 B	8-10		F	304A	H	H		
69646	LAB-DISC	10A	10-12		W	310	H	H		
		10A	10-12		F	304	H	H		
69653	LAB-DISC	10B	10-12		W	312	H	H		
		10B	10-12		F	304A	H	H		
69661	LAB-DISC	11A	1-3		W	310	H	H		
		11A	1-3		F	304	H	H		
69678	LAB-DISC	11B	1-3		W	312	H	H		
		11B	1-3		F	304A	H	H		
69685	LAB-DISC	12A	3-5		W	310	H	H		
		12A	3-5		F	304	H	H		
69692	LAB-DISC	12B	3-5		W	312	H	H		
		12B	3-5		F	304A	H	H		
69703	LAB-DISC	13A	8-10		TH	310	H	H		
		13A	8-10	TU		304	H	H		
69711	LAB-DISC	13B	8-10		TH	312	H	H		
		13B	8-10	TU		304A	H	H		
69728	LAB-DISC	14A	10-12		TH	310	H	H		
		14A	10-12	TU		304	H	H		
69735	LAB-DISC	14B	10-12		TH	312	H	H		
		14B	10-12	TU		304A	H	H		
69742	LAB-DISC	15A	1-3		TH	310	H	H		
		15A	1-3	TU		304	H	H		
69750	LAB-DISC	15B	1-3		TH	312	H	H		
		15B	1-3	TU		304A	H	H		
69767	LAB-DISC	16A	3-5		TH	310	H	H		
		16A	3-5	TU		304	H	H		
69774	LAB-DISC	17A	8-10		F	310	H	H		
		17A	8-10	M		304	H	H		
69781	LAB-DISC	17B	8-10		F	312	H	H		
		17B	8-10	M		304A	H	H		
69799	LAB-DISC	18A	10-12		F	310	H	H		
		18A	10-12	M		304	H	H		
69800	LAB-DISC	18B	10-12		F	312	H	H		
		18B	10-12	M		304A	H	H		

PHYSL 103	CONTINUED									
69817	LAB-DISC	19A	1-3		F	310	H	H		
		19A	1-3	M		304	H	H		
69824	LAB-DISC	19B	1-3		F	312	H	H		
		19B	1-3	M		304A	H	H		
69831	LAB-DISC	20A	3-5		F	310	H	H		
		20A	3-5	M		304	H	H		
69849	LAB-DISC	20B	3-5		F	312	H	H		
		20B	3-5	M		304A	H	H		

COURSES FOR ADVANCED UNDERGRADUATES

PHYSL 234 HUMAN ANATOMY AND PHYSIOLOGY.
 PREREQUISITE: ZOOL. 104 AND PHYSL. 103, OR CONSENT OF INSTRUCTOR.
 5 HOURS

*LABS F1 AND F2 ARE FOR OCCUPATIONAL THERAPY STUDENTS ONLY.

69856	LECT	11	TU TH	124	BUR	HALL				
69863	LAB	A1	8-10	M W F	413	BUR	HALL			
69871	LAB	B1	10-12	M W F	413	BUR	HALL			
69888	LAB	B2	10-12	M W F	422	BUR	HALL			
69895	LAB	C1	1-3	M W F	413	BUR	HALL			
69906	LAB	D1	3-5	M W F	413	BUR	HALL			
69913	LAB	E1	8-11	TU TH	413	BUR	HALL			
69921	LAB	E2	8-11	TU TH	422	BUR	HALL			
69938	LAB	*F1	1-4	TU TH	413	BUR	HALL			
69945	LAB	*F2	1-4	TU TH	422	BUR	HALL			

STOLPE

PHYSL 290 READING COURSE.
 PREREQUISITE: A COURSE IN PHYSIOLOGY, CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS
 NOTE: THIS COURSE IS NOT LIMITED TO HONORS STUDENTS.

69952	CONF	ARR								
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STAFF

PHYSL 291 DISCUSSIONS IN GENERAL PHYSIOLOGY.
 PREREQUISITE: PHYSL. 301 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
 2 HOURS
 TOPIC: CELL MEMBRANES.

69960	DISC	3-5	TU	231	N	H	B			
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WILLIS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PHYSL 301 GENERAL PHYSIOLOGY.
 PREREQUISITE: BIOL. 111 OR BIOL. 251, OR EQUIVALENT, AND ONE YEAR EACH OF COLLEGE-LEVEL MATHEMATICS AND PHYSICS, AND CHEMISTRY THROUGH ORGANIC.
 3 HOURS OR 3/4 UNIT

69977	LECT	10	M W F	124	BUR	HALL				
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STAFF

PHYSL 303 GENERAL PHYSIOLOGY LABORATORY.
 PREREQUISITE: PHYSL. 301 OR CURRENT REGISTRATION.
 2 HOURS OR 1/4 UNIT

69984	LAB	1	1-5	M	523	BUR	HALL			
69991	LAB	2	1-5	TU	523	BUR	HALL			
70008	LAB	3	1-5	W	523	BUR	HALL			
70015	LAB	4	1-5	TH	523	BUR	HALL			
70022	LAB	5	1-5	F	523	BUR	HALL			
70030	LAB	6	8-12	TU	523	BUR	HALL			
70047	LAB	7	8-12	TH	523	BUR	HALL			

WILLIS AND OTHERS

PHYSL 305 PRINCIPLES OF ERGONOMICS.
 SAME AS I. E. 305.
 PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT

70054	LECT	F	2	MTUWTH	253	M	E	B		
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HERTIG, JOHNSON AND OTHERS

PHYSL 331 GENERAL RADIOBIOLOGY.
 PREREQUISITE: ONE YEAR EACH OF MATHEMATICS, PHYSICS, CHEMISTRY AND BIOLOGY.
 4 HOURS OR 1 UNIT

70061	LECT	9	M W F	136	BUR	HALL				
	DISC	730PM	TH	422	BUR	HALL				

DUCOFF

PHYSL 369 INTRODUCTION TO HUMAN ECOLOGY.
 SAME AS GEOG., ANTH., H. ED., PSYCH., SOC., V.M.S. AND
 ZOOL. 369.
 PREREQUISITE: ONE YEAR OF BIOLOGY, AND ONE YEAR OF ANTHROPOLOGY,
 GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.
 *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE
 AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
 *3 OR 5 HOURS, OR 1/2 OR 1 UNIT
 70079 LECT-DISC 11 M W F 112 C A TODD & OTHERS

COURSES FOR GRADUATES

PHYSL 401 PHYSIOLOGY OF SYSTEMS AND ORGANS.
 PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY THROUGH
 ORGANIC, UPPER DIVISION COURSE IN PHYSIOLOGY, KNOWLEDGE OF
 CALCULUS PRESUMED.
 1 UNIT
 70086 LECT-DISC 11 MTWTH 136 BUR HALL STAFF

PHYSL 403 CELLULAR AND MOLECULAR PHYSIOLOGY.
 PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY
 INCLUDING PHYSICAL AND BIOCHEMISTRY, UPPER DIVISION COURSE IN
 PHYSIOLOGY, KNOWLEDGE OF CALCULUS PRESUMED.
 1 UNIT
 70093 LECT-DISC 9 TWTWTF 140 BUR HALL STAFF

PHYSL 410 MAMMALIAN PHYSIOLOGY SEMINAR.
 PREREQUISITE: PHYSYL. 401 AND 402 OR EQUIVALENT, CONSENT OF
 INSTRUCTOR.
 1/2 UNIT
 TOPIC: LYMPHATIC DRAINAGE FROM GASTROINTESTINAL TRACT.
 70104 DISC 5 M W 501 BUR HALL STEGGERDA

PHYSL 412 ADVANCED ENDOCRINOLOGY.
 SAME AS AN. S., D. S., AND ZOOL. 412.
 PREREQUISITE: PHYSYL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 2 UNITS.
 *1/2 UNIT
 TOPIC: TO BE ANNOUNCED.
 70111 DISC 73C-PM M 140 BUR HALL GORSKI,
 NALBANDOV,
 FOSTER AND
 JACKSON

PHYSL 413 EXPERIMENTAL MAMMALIAN PHYSIOLOGY, I.
 PREREQUISITE: PHYSYL. 401 AND 402 OR EQUIVALENT, CONSENT OF
 INSTRUCTOR.
 1 UNIT
 70129 LAB 1-5 TU TH 542 BUR HALL STEGGERDA
 10 S 501 BUR HALL

PHYSL 421 GROSS HUMAN ANATOMY.
 PREREQUISITE: ONE SEMESTER OF EMBRYOLOGY, CONSENT OF INSTRUCTOR.
 1 UNIT
 70136 LECT 1 M W F 422 BUR HALL STOLPE
 LAB-DISC 2-4 M W F 422 BUR HALL

PHYSL 441 ADVANCED COMPARATIVE PHYSIOLOGY.
 SAME AS ZOOL. 441.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT
 TOPIC: PHYSIOLOGICAL ADAPTATION.
 70143 DISC 7-9PM W 422 BUR HALL PROSSER

PHYSL 442 ADVANCED COMPARATIVE PHYSIOLOGY LABORATORY.
 SAME AS ZOOL. 442.
 PREREQUISITE: PHYSYL. 402, 403, 404; CREDIT OR REGISTRATION IN
 PHYSYL. OR ZOOL. 441.
 1 UNIT
 70151 LAB 1-4 M W 542 BUR HALL PROSSER

PHYSL 470 HUMAN PATHOLOGIC PHYSIOLOGY.
 PREREQUISITE: TWO SEMESTERS OF ADVANCED PHYSIOLOGY AND ONE SEMESTER
 OF BIOCHEMISTRY, CONSENT OF INSTRUCTOR.
 3/4 UNIT
 70168 LECT-DISC 3 M W F 136 BUR HALL JOHNSON /
 TEIGLER

PHYSL 473 ERGONOMICS SEMINAR.
 SAME AS I. E. 473.
 PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF
 INSTRUCTOR.
 1/2 UNIT
 TOPIC: PROBLEMS OF THE AGING WORKER.
 70175 DISC 3-5 TH 136 BUR HALL HERTIG

PHYSL 491 INDIVIDUAL TOPICS.
 PREREQUISITE: APPROVAL OF DEPARTMENT.
 1/2 TO 2 UNITS
 *SECTION B OPEN ONLY TO STUDENTS WHO HAVE DUPLICATE
 REGISTRATION IN COURSE.
 70182 CONF A ARR STAFF
 70190 CONF *B ARR

PHYSL 499 THESIS RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 4 UNITS
 *NOTE--SECTION B OPEN ONLY TO THOSE WHO HAVE A CONFLICT
 WITH SECTION A.
 70201 CONF A 4 F 140 BUR HALL STAFF
 70218 CONF *B ARR

PLANT PATHOLOGY

DEPARTMENT OFFICE 218 M H

COURSES FOR ADVANCED UNDERGRADUATES

PL PA 204 INTRODUCTORY PLANT PATHOLOGY.
 PREREQUISITE: BOT. 100 OR EQUIVALENT.
 3 HOURS
 70225 LAB-DISC 10-12 TU TH W121 T H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PL PA 300 SPECIAL PROBLEMS.
 PREREQUISITE: FOR UNDERGRADUATES MINIMUM GRADE POINT AVERAGE 3.5,
 NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE
 INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE
 ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND
 AND/OR THIRD SPECIAL PROBLEM COURSE.
 *MAXIMUM CREDIT EIGHT HOURS OR TWO UNITS.
 *1 TO 4 HOURS, OR 1/4 TO 1 UNIT

BEVER, BLACK, CARTER
 EDWARDS, FORSBERG,
 CHAMBERLAIN, GERDEMANN, GRAY
 GOTTLIEB, HARTSTIRN,
 HOOKER, JEDLINSKI, LINN,
 MALEK, PAXTON, POWELL,
 SCHDENEWEISS, SHAW, SHURTLEFF,
 SINCLAIR, TAYLOR, THORNBERRY.

SECTION 8B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING
 MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
 WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
 INSTRUCTOR.

70232 CONF A ARR
 70240 CONF *8B ARR

PL PA 302 RESEARCH METHODS IN PLANT PATHOLOGY.
 PREREQUISITE: PL. PA, 204 OR EQUIVALENT, SENIOR STANDING.
 3 HOURS OR 3/4 UNIT
 70257 LAB-DISC 1-4 M W 414 A S L PAXTON

COURSES FOR GRADUATES

PL PA 404 PLANT VIROLOGY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 70264 LECT 8-10 TU W223 T H THORNBERRY
 LAB ARR

PL PA 406 GENETICS OF PLANT-PATHOGEN INTERACTIONS.
 PREREQUISITE: PL. PA. 204 OR EQUIVALENT, AND BOT. 210 OR AGRON. 323
 OR HORT. 323, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 70271 LAB-DISC 8-10 TU TH W121 T H HOOKER

PL PA 417 DISCUSSIONS IN PLANT PATHOLOGY.
 1/4 UNIT
 70289 DISC 4 M W115 T H STAFF

PL PA 499 THESIS RESEARCH.
 PREREQUISITE: PL. PA. 302 OR EQUIVALENT.
 0 TO 4 UNITS
 BEVER, BLACK, CARTER
 CHAMBERLAIN, GERDEMANN
 GOTTLIEB, HOOKER,
 JEDLINSKI, LINN, MALEK,
 PAXTON, POWELL, SHAW,
 SHURTLEFF, SINCLAIR,
 TAYLOR, THORNBERRY.
 70296 CONF ARR

POLISH

SLAVIC LANGUAGES AND LITERATURES
 DEPARTMENT OFFICE 260 L H

COURSES FOR ADVANCED UNDERGRADUATES

POL 203 SECOND-YEAR POLISH.
 PREREQUISITE: POL. 202.
 4 HOURS
 *ADDITIONAL HOUR TO BE ARRANGED.
 70307 LECT-DISC X *12 M W F 9 G H H ZALUCKY

POLITICAL SCIENCE

DEPARTMENT OFFICE

326 L H

MAJOR: TWENTY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF POLITICAL SCIENCE. A MAJOR MAY INCLUDE THREE SEMESTER HOURS FROM THE FOLLOWING COURSES: ECONOMICS 170, 171 (STATISTICS), ECONOMICS 214 (PUBLIC FINANCE), HISTORY 345, 346, 369, 370 (CONSTITUTIONAL HISTORY), MATHEMATICS 161 (STATISTICS), PSYCHOLOGY 135 (STATISTICS), AND SOCIOLOGY 185 (STATISTICS). A MAXIMUM OF EIGHT HOURS OF 100-LEVEL COURSES MAY BE OFFERED AS PART OF THE POLITICAL SCIENCE MAJOR.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY, AND SPEECH. ONE OF THE CURRICULA IN LATIN-AMERICA STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR.

STUDENTS ENTERING THE UNIVERSITY AFTER SEPTEMBER 1, 1963, MAY NOT OFFER MORE THAN EIGHT HOURS OF 100-LEVEL COURSES AS PART OF A MINOR, EXCEPT THAT MATH. 123 OR HIGHER-NUMBERED MATHEMATICS COURSES ARE NOT COUNTED IN THIS LIMITATION.

POLITICAL SCIENCE 150 AND 151 GIVE A GENERAL SURVEY OF NATIONAL, STATE AND LOCAL GOVERNMENT IN THE UNITED STATES. POLITICAL SCIENCE 191 PRESENTS A SURVEY OF THE BASIC CONCEPTS AND METHODS OF POLITICAL SCIENCE AND OF SIGNIFICANT CURRENT GOVERNMENTAL AND POLITICAL PROBLEMS AND POLICIES. UNDERGRADUATES BEGINNING THE STUDY OF POLITICAL SCIENCE ARE ADVISED TO TAKE, FIRST, EITHER POL. S. 150 OR 191. STUDENTS PLANNING TO DO ADVANCED WORK SHOULD, DURING THE SOPHOMORE YEAR, TAKE EITHER 150 OR 191 AND FOLLOW IT WITH SUCH OTHER COURSES AS COMPLETE ONE OF THE FOLLOWING COMBINATIONS: 150 AND 151, 150 AND 184 OR 184 AND 191.

COURSES FOR UNDERGRADUATES

POL S 110 GOVERNMENT IN ILLINOIS.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312.

*2 HOURS

70314	LECT-DISC	3	M	W	310	L H	SNIDER
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POL S 150 AMERICAN GOVERNMENT: ORGANIZATION AND POWERS.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.

3 HOURS

*THESE SECTIONS WILL BE TAUGHT BY EXPERIENCED GRADUATE TEACHING ASSISTANTS AND WILL BE LIMITED TO 30 STUDENTS EACH WITHOUT EXCEPTION.

SECTION G WILL ONLY MEET 3 HOURS PER WEEK AS ALL 150 SECTIONS DO. HOWEVER, IN ORDER TO STAFIFY SCHEDULING IDIOSYNCRASIES, STUDENTS MUST BE FREE FROM 3-5 M W F.

	LECT	M	3	M	W	L H	THEATRE	
70321	LECT	M	3					
70339	DISC	M 1	3		F	192	L H	
70346	DISC	M 2	3		F	315	G H	
70353	DISC	M 3	3		F	138	ADMIN	
70361	DISC	M 4	3		F	310	L H	
70378	DISC	M 5	3		F	102	L H	
70385	DISC	M 6	3		F	118	L H	
70392	DISC	M 7	1		TH	102	L H	
70403	DISC	M 8	1		TH	118	L H	
70411	DISC	M 9	1		TH	176	L H	
70428	DISC	M10	1		TH	1	G H	
70435	DISC	M11	2		TH	116	L H	
70442	DISC	M12	2		TH	130	L H	
70450	DISC	M13	2		TH	184	L H	
70467	DISC	M14	2		TH	302	L H	

MONYPENNY

POL S 150 CONTINUED

70474	DISC	M15	3	TH	138	ADMIN	
70481	DISC	M16	3	TH	102	L H	
70499	DISC	M17	3	TH	130	L H	
70500	DISC	M18	3	TH	370	L H	
70517	DISC	M19	1	F	192	L H	
70524	DISC	M20	1	F	154	ADMIN	
70531	DISC	M21	1	F	315	G H	
70549	DISC	M22	2	F	102	L H	
70556	DISC	M23	2	F	315	G H	
70563	DISC	M24	2	F	240	ADMIN	
70571	LECT-DISC	*A	8	M W F	329	ARMORY	
70638	LECT-DISC	*G	3-5	M W F	151	E E B	GOLD
70588	LECT-DISC	*P	3-430	TU TH	ARR		
70595	LECT-DISC	*Q	12	M W F	300	L H	
70606	LECT-DISC	*X	12	M W F	329	ARMORY	
70613	LECT-DISC	*Y	12	M W F	315	G H	
70621	LECT-DISC	*Z	3-430	TU TH	ARR		

POL S 184 INTERNATIONAL RELATIONS.

4 HOURS

70645	LECT-DISC	A	10-12	TU TH	120	ARCH	CARROLL
70652	LECT-DISC	B	1-3	TU TH	112	G H	IVERSEN
70660	LECT-DISC	C	1-3	TU TH	329	ARMORY	
70677	LECT-DISC	D	3-5	TU TH	315	G H	

POL S 191 PRINCIPLES OF POLITICAL SCIENCE.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
 *CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.

*4 HOURS

70684	LECT-DISC	K	3-410	M W F	213	G H	FIELDS
70734	LECT-DISC	EL	3-5	M W	192	L H	DOUGLAS
70691	LECT-DISC	A	8-10	TU TH	329	ARMORY	
70702	LECT-DISC	B	10-12	TU TH	329	ARMORY	
70710	LECT-DISC	C	3-5	TU TH	329	ARMORY	
70727	LECT-DISC	D	8-10	TU TH	315	G H	

POL S 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

70741	CONF	M	10-12	TU	315	G H	MEEHAN
70759	CONF	C	2-4	TU	138	ADMIN	CARROLL

COURSES FOR ADVANCED UNDERGRADUATES

POL S 290 SENIOR SEMINAR.

PREREQUISITE: SENIOR STANDING, AT LEAST SIX HOURS OF POLITICAL SCIENCE, AND EITHER DESIGNATION AS JAMES SCHOLAR OR A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0.

2 HOURS

70766	LECT-DISC		10-12	TH	315	G H	
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POL S 291 THESIS AND HONORS COURSE.

PREREQUISITE: OPEN ONLY TO SENIORS WHOSE MAJOR IS POLITICAL SCIENCE AND WHO HAVE A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0.

2 TO 5 HOURS

70773	CONF		ARR				
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POL S 293 SELECTED TOPICS IN POLITICAL SCIENCE.

PREREQUISITE: CONSENT OF INSTRUCTOR.

*MAY BE REPEATED.

*1 TO 4 HOURS

70781	CONF		ARR				
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

POL S 305 MUNICIPAL GOVERNMENT.

3 HOURS, OR 1/2 OR 1 UNIT

*SECTIONS F1 AND G1 ARE FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION F2 OR G2.

70798	LECT-DISC	*F1	2	M W F	150	V M	LONG
70809	LECT-DISC	*F2	2	M W F	150	V M	
70816	LECT-DISC	*G1	2-330	TU TH	319	G H	MERANTO
70823	LECT-DISC	*G2	2-330	TU TH	319	G H	

POL S 312 STATE GOVERNMENT.
 PREREQUISITE: POL. S. 150 OR 191.
 *CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312.
 *3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70831	LECT-DISC *A1	1	M W F	310	L H	SNIDER
70848	LECT-DISC *A2	1	M W F	310	L H	

POL S 326 AMERICAN POLITICAL PARTIES.
 PREREQUISITE: POL. S. 150 OR 191 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70862	LECT-DISC *A1	230-4	TU TH	120	ARCH	GOLD
70870	LECT-DISC *A2	230-4	TU TH	120	ARCH	

POL S 328 AN INTRODUCTION TO THE STUDY OF POLITICAL BEHAVIOR.
 PREREQUISITE: POL. S. 150 OR EQUIVALENT.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70887	LECT-DISC *A1	1-230	TU TH	192	L H	JOHNSON
70894	LECT-DISC *A2	11-1230	TU TH	192	L H	

POL S 329 ELECTORAL BEHAVIOR.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT

70905	LECT-DISC *A1	2	M W F	15	D K H	
70912	LECT-DISC *A2	2	M W F	15	D K H	

POL S 335 GOVERNMENT AND POLITICS OF THE SOVIET UNION.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70920	LECT-DISC *A1	11-1230	TU TH	192	L H	MILLER
70937	LECT-DISC *A2	11-1230	TU TH	192	L H	

POL S 336 GOVERNMENTS AND POLITICS IN WESTERN CONTINENTAL EUROPE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70944	LECT-DISC *A1	11	M W F	192	L H	LEWIS
70951	LECT-DISC *A2	11	M W F	192	L H	

POL S 337 GOVERNMENT AND POLITICS OF CHINA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70969	LECT-DISC *A1	1030-12	TU TH	310	L H	YU
70976	LECT-DISC *A2	1030-12	TU TH	310	L H	

POL S 342 GOVERNMENT AND POLITICS IN LATIN AMERICA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70983	LECT-DISC *A1	2-330	TU TH	202	H H	BYARS
70991	LECT-DISC *A2	2-330	TU TH	202	H H	

POL S 345 THEORY AND PRACTICE OF DEMOCRATIC GOVERNMENT.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

71003	LECT-DISC *A1	1	M W F	138	ADMIN	FIELDS
71011	LECT-DISC *A2	1	M W F	138	ADMIN	

POL S 346 THEORY AND PRACTICE OF COMMUNISM.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

71028	LECT-DISC *A1	9-1030	TU TH	138	ADMIN	MILLER
71035	LECT-DISC *A2	9-1030	TU TH	138	ADMIN	

POL S 347 GOVERNMENTS AND POLITICS OF SOUTHEAST ASIA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71042 LECT-DISC *A2 10 M W F 310 L H DOUGLAS

POL S 348 GOVERNMENT AND POLITICS OF JAPAN.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 71050 LECT-DISC *A1 ARR
 71067 LECT-DISC *A2 ARR

POL S 349 GOVERNMENTS AND POLITICS OF SOUTH ASIA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71074 LECT-DISC *A1 2 TU 315 G H COHEN
 *A1 1-3 TH 315 G H COHEN
 71081 LECT-DISC *A2 2 TU 315 G H
 *A2 1-3 TH 315 G H

POL S 350 LAW AND SOCIETY.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71099 LECT-DISC *A1 3-430 TU TH 192 L H NAGEL
 71100 LECT-DISC *A2 3-430 TU TH 192 L H

POL S 351 AMERICAN CONSTITUTIONAL SYSTEM.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71117 LECT-DISC *A1 2 M W F 192 L H CARMEN
 71124 LECT-DISC *A2 2 M W F 192 L H

POL S 353 LAW AND POLITICS OF POVERTY.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71131 LECT-DISC *A1 9-1030 TU TH 192 L H NAGEL
 71149 LECT-DISC *A2 9-1030 TU TH 192 L H

POL S 359 JURISPRUDENCE.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71156 LECT-DISC *A1 9 M W F 310 L H MANNER
 71163 LECT-DISC *A2 9 M W F 310 L H

POL S 361 INTRODUCTION TO PUBLIC ADMINISTRATION.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71171 LECT-DISC *A1 8 M W F 310 L H PAGE
 71188 LECT-DISC *A2 8 M W F 310 L H

POL S 380 COMPARATIVE FOREIGN POLICIES.
 PREREQUISITE: POL. S. 184 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
 71195 LECT-DISC *A1 1-230 TU TH 349 ARMORY YU
 71206 LECT-DISC *A2 1-230 TU TH 349 ARMORY

POL S 381 AMERICAN FOREIGN RELATIONS.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

71213	LECT-DISC	*A1	1	TU	138	ADMIN	GLAD
		*A1	1-3	TH	138	ADMIN	GLAD
71221	LECT-DISC	*A2	1	TU	138	ADMIN	
		*A2	1-3	TH	138	ADMIN	

POL S 384 INTERNATIONAL RELATIONS.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT

71238	LECT-DISC	*A1	10	M W F	159	A H	
71245	LECT-DISC	*A2	10	M W F	159	A H	

POL S 385 INTERNATIONAL LAW.
 PREREQUISITE: SENIOR STANDING, OR JUNIOR STANDING WITH SIX HOURS OF
 POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

71252	LECT-DISC	*A1	11	M W F	310	L H	MANNER
71260	LECT-DISC	*A2	11	M W F	310	L H	

POL S 388 THE MILITARY AND POLITICS.
 PREREQUISITE: POL. S. 184 OR 192, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

71277	LECT-DISC	*A1	3-5	TU	310	L H	COHEN
		*A1	3	TH	310	L H	COHEN
71284	LECT-DISC	*A2	3-5	TU	310	L H	
		*A2	3	TH	310	L H	

POL S 393 CLASSICAL POLITICAL THEORY.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

71291	LECT-DISC	*A1	11	M W F	138	ADMIN	DAVIS
71302	LECT-DISC	*A2	11	M W F	138	ADMIN	

COURSES FOR GRADUATES

POL S 401 HISTORY OF POLITICAL THEORIES.
 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

71310	LECT-DISC	*A1	3-5	W	398	L H	DAVIS
71327	LECT-DISC	*A2	3-5	W	398	L H	

POL S 412 PROBLEMS IN STATE GOVERNMENT.
 1 UNIT

71334	LECT-DISC		730-930PM	TU	398	L H	GOVE, PISCIO
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POL S 423 PROSEMINAR IN AMERICAN POLITICS.
 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

71341	CONF	*A1	10-12	F	398	L H	LONG
71359	CONF	*A2	10-12	F	398	L H	

POL S 425 PERSONALITY AND POLITICAL PROCESS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

71366	LECT-DISC		730-930PM	M	398	L H	COOMBS
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POL S 430 PROSEMINAR IN COMPARATIVE POLITICS.
 1 UNIT

71373	LECT-DISC		3-5	F	398	L H	BYARS
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POL S 440	COMPARATIVE POLITICS AND THE POLITICAL PROCESS.						
	*STUDENTS MAY ACCUMULATE THREE UNITS.						
	*1 UNIT						
71381	LECT-DISC	1-3	M	398	L H	LEWIS	
POL S 441	POLITICS IN THE DEVELOPING STATES.						
	PREREQUISITE: POL. S. 430 OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
71398	LECT-DISC	10-12	W	398	L H	SCOTT	
POL S 442	PROBLEMS OF LATIN AMERICAN POLITICS AND GOVERNMENT.						
	PREREQUISITE: POL. S. 430 OR CONSENT OF INSTRUCTOR.						
	*STUDENTS MAY ACCUMULATE 2 UNITS.						
	*1 UNIT						
71409	LECT-DISC	10-12	TH	398	L H	SCOTT	
POL S 451	CONSTITUTIONAL LAW.						
	PREREQUISITE: POL. S. 351 OR EQUIVALENT.						
	1 UNIT						
71416	LECT-DISC	730-930PM	TH	398	L H	CARMEN	
POL S 465	PROBLEMS IN ADMINISTRATIVE MANAGEMENT.						
	PREREQUISITE: POL. S. 361 OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
71423	LECT-DISC	10-12	M	398	L H	PAGE	
POL S 466	CURRENT ADMINISTRATIVE THEORY.						
	1 UNIT						
	*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.						
71431	LECT-DISC	*A1	1-3	TU	398	L H	THOMPSON
		*A2	1-3	TU	398	L H	
POL S 477	INTERNATIONAL COMMUNICATIONS.						
	SAME AS COMM. 477.						
	1 UNIT						
71455	LECT-DISC	1-3	W	398	L H	MERRIT SCHILLER OSGOOD	
POL S 484	INTERNATIONAL RELATIONS.						
	1 UNIT						
71462	LECT-DISC	G	3-5	TU	398	L H	GLAD
71470	LECT-DISC	M	1-3	TH	398	L H	MERRITT
POL S 490	PROSEMINAR IN POLITICAL BEHAVIOR, I.						
	1 UNIT						
71487	LECT-DISC	730-930PM	W	398	L H	HOBBS	
POL S 492	PROBLEMS OF EXPLANATION IN SOCIAL SCIENCE.						
	1 UNIT						
71494	LECT-DISC	3-5	TH	398	L H	MEEHAN	
POL S 493	RESEARCH IN SELECTED TOPICS.						
	1/2 TO 3 UNITS						
71505	CONF	ARR					
POL S 495	SCOPE AND METHODS OF POLITICAL SCIENCE.						
	1 UNIT						
71512	LECT-DISC	1-230	TU TH	310	L H	HOBBS	
POL S 496	POLITICAL CONCEPTS-FORMULATION AND MEASUREMENT.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 UNIT						
71520	LECT-DISC	9-11	TU	398	L H	JOHNSON	
POL S 499	THESIS RESEARCH.						
	0 TO 4 UNITS						
71537	CONF	ARR					

PORTUGUESE

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY HOURS IN PORTUGUESE, EXCLUDING PORTUGUESE 101 AND 102, AND INCLUDING PORTUGUESE 201 AND AT LEAST SIX HOURS OF PORTUGUESE FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. EITHER LINGUISTICS 300, INTRODUCTION TO LINGUISTICS, OR LINGUISTICS 302, COMPARATIVE LINGUISTICS, MAY BE COUNTED TOWARD THE MAJOR IN PORTUGUESE.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ENGLISH (EXCLUDING RHETORIC 101 AND 102), FRENCH, GEOGRAPHY, GERMAN, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, POLITICAL SCIENCE, RUSSIAN, SPANISH.

COURSES FOR UNDERGRADUATES

PORT 101 ELEMENTARY PORTUGUESE, I.

*NO CREDIT TOWARD GRADUATION IS GIVEN FOR PORT. 101 WITHOUT PORT. 102.

*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS W3-W22.

	LECT-DISC	B	9	TUWTHF	217	G H
71544	LECT-DISC	E	1	MTUWTH	108	L H
71551	LAB	W 3	8-830	W	202	L H
71569	LAB	W 3	8-830	F	210	L H
71576	LAB	W 4	830-9	W	202	L H
		W 4	830-9	F	210	L H
71583	LAB	W 5	9-930	W	202	L H
		W 5	9-930	F	210	L H
71591	LAB	W 6	930-10	W	202	L H
		W 6	930-10	F	210	L H
71601	LAB	W 7	10-1030	W	202	L H
		W 7	10-1030	F	210	L H
71619	LAB	W 8	1030-11	W	202	L H
		W 8	1030-11	F	210	L H
71626	LAB	W 9	11-1130	W	202	L H
		W 9	11-1130	F	210	L H
71633	LAB	W10	1130-12	W	202	L H
		W10	1130-12	F	210	L H
71641	LAB	W11	12-1230	W	202	L H
		W11	12-1230	F	210	L H
71658	LAB	W12	1230-1	W	202	L H
		W12	1230-1	F	210	L H
71665	LAB	W13	1-130	W	202	L H
		W13	1-130	F	210	L H
71672	LAB	W14	130-2	W	202	L H
		W14	130-2	F	210	L H
71680	LAB	W15	2-230	W	202	L H
		W15	2-230	F	210	L H
71697	LAB	W16	230-3	W	202	L H
		W16	230-3	F	210	L H
71708	LAB	W17	3-330	W	202	L H
		W17	3-330	F	210	L H
71715	LAB	W18	330-4	W	202	L H
		W18	330-4	F	210	L H
71722	LAB	W19	4-430	W	202	L H
		W19	4-430	F	210	L H
71730	LAB	W20	430-5	W	202	L H
		W20	430-5	F	210	L H
71747	LAB	W21	5-530	W	202	L H
		W21	5-530	F	210	L H
71754	LAB	W22	530-6	W	202	L H
		W22	530-6	F	210	L H

PORT 103 INTERMEDIATE PORTUGUESE, I.

PREREQUISITE: PORT. 102 OR PORT. 111 OR TWO YEARS OF HIGH SCHOOL PORTUGUESE.

4 HOURS

71761	LECT-DISC	X	12	MTUWTH	176	L H
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PORT 111 ELEMENTARY PORTUGUESE.
 FOR STUDENTS WHO HAVE NO CREDIT IN PORTUGUESE.
 8 HOURS
 ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR THE
 LANGUAGE LABORATORY SECTIONS W3 AND F5.

71779	LECT-DISC	A	8	MTU THF	118	L H
		A	9	MTUWTH	118	L H
71786	LAB	W3	8	W	202	L H
71793	LAB	F5	9	F	210	L H

PORT 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS

71804	CONF		ARR			
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STAFF

COURSES FOR ADVANCED UNDERGRADUATES

PORT 211 INTERMEDIATE COMPOSITION AND CONVERSATION.
 PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR.
 3 HOURS

71811	LECT-DISC		11	M W F	136	ARMORY
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AIEX

PORT 290 READINGS IN PORTUGUESE.
 PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS

71829	CONF		APP			
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STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PORT 301 INTRODUCTION TO BRAZILIAN LITERATURE.
 PREREQUISITE: PORT. 201 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

71836	LECT-DISC		3	M W F	431	ARMORY
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AIEX

PORT 303 A CULTURA LUSO-BRASILEIRA ATE 1822.
 PREREQUISITE: PORT. 201 OR 211, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

71843	LECT-DISC		10	M W F	136	ARMORY
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AIEX

COURSES FOR GRADUATES

PORT 407 STUDIES IN BRAZILIAN LITERATURE.
 PREREQUISITE: PORT. 301 OR CONSENT OF INSTRUCTOR.
 1 UNIT

71851	LECT-DISC		9	M W	176	L H
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ALLEN

PORT 408 STUDIES IN PORTUGUESE LITERATURE.
 PREREQUISITE: PORT. 302 OR CONSENT OF INSTRUCTOR.
 1 UNIT

71868	LECT-DISC		11	M W	431	ARMORY
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FORSTER

PORT 462 INTRODUCTION TO ROMANCE LINGUISTICS.
 SAME AS LING., FR., SPAN. AND ITAL. 462.
 1/2 UNIT

71875	LECT-DISC		9	TU TH	230	L H
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KAHANE

PORT 491 SPECIAL TOPICS IN PORTUGUESE.
 1/2 OR 1 UNIT

71882	CONF		ARR			
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STAFF

PORT 499 THESIS RESEARCH.
 0 TO 4 UNITS

71890	CONF		ARR			
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ALLEN, FORSTER
 KAHANE

PSYCHOLOGY

DEPARTMENT OFFICE

308 PSYCH BLDG

MAJOR: THREE TYPES OF MAJOR PROGRAMS ARE OFFERED: THE GENERAL MAJOR, SUITABLE FOR STUDENTS INTERESTED PRIMARILY IN GENERAL LIBERAL EDUCATION; THE APPLIED PSYCHOLOGY MAJOR, DESIGNED FOR STUDENTS INTERESTED IN VOCATIONAL PREPARATION INVOLVING A MINIMUM OF GRADUATE TRAINING; AND THE GRADUATE PREPARATORY MAJOR, DESIGNED MAINLY TO PREPARE STUDENTS FOR GRADUATE TRAINING LEADING TO THE DOCTORATE IN PSYCHOLOGY.

THE GENERAL MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 135 IS REQUIRED IN THIS PROGRAM AND SHOULD BE TAKEN AS SOON AS POSSIBLE AFTER THE INTRODUCTORY COURSE. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE TWO FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294 MAY BE INCLUDED IN AREA I OR AREA II.

THE APPLIED PSYCHOLOGY MAJOR CAN SPECIALIZE IN ANY ONE OF FOUR DIFFERENT OPTIONS, NAMELY, ENGINEERING PSYCHOLOGY, PERSONNEL PSYCHOLOGY, MEASUREMENT PSYCHOLOGY, AND SCHOOL PSYCHOLOGY. THE REQUIREMENTS FOR ENGINEERING PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 356, 358; 12 HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332, 390; COMPUTER SCIENCE 103; PHYSIOLOGY 305. THE REQUIREMENTS FOR PERSONNEL PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 332, 355, 390; 6 HOURS SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM ACCOUNTANCY 201; BUSINESS LAW 261; ECONOMICS 102, 103, 300; INDUSTRIAL ENGINEERING 287; SOCIOLOGY 300; COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGICAL MEASUREMENT ARE AS FOLLOWS: PSYCHOLOGY 100, 103, OR 105; PSYCHOLOGY 235, 245, 390; THREE HOURS SELECTED FROM PSYCHOLOGY 216, 250, 338; THREE HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332; EITHER COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR SCHOOL PSYCHOLOGY ARE AS FOLLOWS: FOUR OF THE FOLLOWING: PSYCHOLOGY 201, 216, 235, 250, 338, 390; EITHER PSYCHOLOGY 331, OR 332; SPECIAL EDUCATION 117, AND AS MANY AS POSSIBLE OF THE FOLLOWING: SPECIAL EDUCATION 316, 317, 318, 321, 322.

THE GRADUATE PREPARATORY MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 235 AND EIGHT HOURS OF WORK IN LABORATORY COURSES AT THE 300 LEVEL ARE REQUIRED IN THIS PROGRAM. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294, MAY BE INCLUDED IN EITHER AREA I OR AREA II. GRADUATE PREPARATORY MAJORS ARE ALSO URGED TO TAKE MATHEMATICS THROUGH CALCULUS, AT LEAST A FULL-YEAR LABORATORY COURSE IN ANOTHER SCIENCE, AND AT LEAST TWO YEARS OF FRENCH, GERMAN OR RUSSIAN, WITH TWO YEARS IN EACH OF TWO DESIRABLE.

MINOR: FOR THE GENERAL MAJOR, 20 HOURS IN ANY SUBJECT MATTER ACCEPTED FOR CREDIT BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES; IF TWO ARE CHOSEN THERE MUST BE A MINIMUM OF 8 HOURS IN EACH. IN ADDITION, IF FOREIGN LANGUAGE CREDIT IS OFFERED, IT MUST BE BEYOND THAT REQUIRED BY THE COLLEGE FOR GRADUATION.

FOR THE APPLIED PSYCHOLOGY MAJOR, THE MINOR MUST BE SELECTED IN ACCORDANCE WITH THE MAJOR OPTION. FOR ENGINEERING PSYCHOLOGY, A MINOR OR MINORS OF 20 HOURS SELECTED FROM MATHEMATICS, ENGINEERING, PHYSICS, AND PHYSIOLOGY. FOR PERSONNEL PSYCHOLOGY, A MINOR OR SPLIT MINOR OF 20 HOURS SELECTED FROM MATHEMATICS, ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY. FOR PSYCHOLOGICAL MEASUREMENT, A MINOR OF 20 HOURS IN MATHEMATICS WHICH INCLUDES MATHEMATICS 315. FOR SCHOOL PSYCHOLOGY, A MINOR OF 20 HOURS IN EDUCATION OR A SPLIT MINOR IN SPECIAL EDUCATION AND SOCIOLOGY, ANTHROPOLOGY, PHILOSOPHY OR PHYSIOLOGY.

FOR THE GRADUATE PREPARATORY MAJOR, 20 HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, PROVIDING THAT IF TWO ARE CHOSEN, THERE MUST BE A MINIMUM OF 8 HOURS IN EACH: ANTHROPOLOGY, ANY BIOLOGICAL SCIENCE, CHEMISTRY, ECONOMICS, EDUCATION, ENGINEERING, LINGUISTICS, MATHEMATICS, PHILOSOPHY, PHYSICS, POLITICAL SCIENCE, AND SOCIOLOGY.

DEPARTMENTAL DISTINCTION: THE MINIMUM REQUIREMENTS FOR GRADUATION WITH DEPARTMENTAL DISTINCTION IN PSYCHOLOGY ARE AS FOLLOWS:
A 4.33 GRADE POINT AVERAGE IN PSYCHOLOGY COURSES, SATISFACTORY COMPLETION OF THE COURSES REQUIRED IN THE GRADUATE PREPARATORY MAJOR PROGRAM, AND FOUR HOURS OF CREDIT IN PSYCHOLOGY 291-292, THE HONORS PROGRAM SEMINAR, INCLUDING AN ACCEPTABLE BACHELOR'S THESIS.

COURSES FOR UNDERGRADUATES

PSYCH 100 INTRODUCTION TO PSYCHOLOGY.

NOT OPEN TO STUDENTS ELECTING PSYCH. 103 OR 105.

REQUIRES FIVE HOURS OF PARTICIPATION IN LABORATORY EXPERIMENTS 4 HOURS

PSYCH 100 STUDENTS MUST SELECT A DISCUSSION SECTION NOT IN CONFLICT WITH THE LECTURE SECTION IN WHICH THEY ARE REGISTERED. LECTURES A THROUGH J ARE ON CLOSED CIRCUIT TELEVISION.

*SECTIONS &K, &L, &M AND &N ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER; FOURTH HOUR TO BE ARRANGED.

LECTURES O THROUGH T MEET THREE HOURS PER WEEK WITH TO BE ARRANGED. STUDENTS REGISTERING FOR LECTURES

O THROUGH T SHOULD NOT REGISTER FOR A DISCUSSION SECTION

71901	LECT	A	8	M	W	F	100	G	H
71918	LECT	B	10	M	W	F	103	M	H
71925	LECT	C	11	M	W	F	103	M	H
71932	LECT	D	12	M	W	F	100	G	H
71940	LECT	E	12	M	W	F	66	LIB	
71957	LECT	F	1	M	W	F	100	G	H
71964	LECT	G	1	M	W	F	66	LIB	
71971	LECT	H	1	M	W	F	103	M	H
71989	LECT	I	10	M	W	F	66	LIB	
71996	LECT	J	2	M	W	F	100	G	H
72009	DISC	1	8	M			9	PSYCH	BLDG
72016	DISC	2	9	M			9	PSYCH	BLDG
72023	DISC	3	10	M			9	PSYCH	BLDG
72031	DISC	4	11	M			9	PSYCH	BLDG
72048	DISC	5	12	M			9	PSYCH	BLDG
72055	DISC	6	1	M			9	PSYCH	BLDG
72062	DISC	7	2	M			9	PSYCH	BLDG
72070	DISC	8	3	M			9	PSYCH	BLDG
72087	DISC	9	4	M			9	PSYCH	BLDG
72094	DISC	10	8	TU			9	PSYCH	BLDG
72105	DISC	11	9	TU			9	PSYCH	BLDG
72112	DISC	12	10	TU			9	PSYCH	BLDG
72120	DISC	13	11	TU			9	PSYCH	BLDG
72137	DISC	14	12	TU			9	PSYCH	BLDG
72144	DISC	15	1	TU			9	PSYCH	BLDG
72151	DISC	16	2	TU			9	PSYCH	BLDG
72169	DISC	17	3	TU			9	PSYCH	BLDG
72176	DISC	18	4	TU			9	PSYCH	BLDG
72183	DISC	19	8	W			9	PSYCH	BLDG
72191	DISC	20	9	W			9	PSYCH	BLDG
72201	DISC	21	10	W			9	PSYCH	BLDG
72219	DISC	22	11	W			9	PSYCH	BLDG
72226	DISC	23	12	W			9	PSYCH	BLDG
72233	DISC	24	1	W			9	PSYCH	BLDG
72241	DISC	25	2	W			9	PSYCH	BLDG
72258	DISC	26	3	W			9	PSYCH	BLDG
72265	DISC	27	4	W			9	PSYCH	BLDG
72272	DISC	28	8	TH			9	PSYCH	BLDG
72280	DISC	29	9	TH			9	PSYCH	BLDG
72297	DISC	30	10	TH			9	PSYCH	BLDG
72308	DISC	31	11	TH			9	PSYCH	BLDG
72315	DISC	32	12	TH			9	PSYCH	BLDG
72322	DISC	33	1	TH			9	PSYCH	BLDG
72330	DISC	34	2	TH			9	PSYCH	BLDG
72347	DISC	35	3	TH			9	PSYCH	BLDG
72354	DISC	36	4	TH			9	PSYCH	BLDG
72361	DISC	37	8	F			9	PSYCH	BLDG
72379	DISC	38	9	F			9	PSYCH	BLDG

PSYCH 100 CONTINUED

72386	DISC	39	10		F	9	PSYCH	BLDG	
72393	DISC	40	11		F	9	PSYCH	BLDG	
72404	DISC	41	12		F	9	PSYCH	BLDG	
72411	DISC	42	1		F	9	PSYCH	BLDG	
72429	DISC	43	2		F	9	PSYCH	BLDG	
72436	DISC	44	3		F	9	PSYCH	BLDG	
72443	DISC	45	4		F	9	PSYCH	BLDG	
72451	DISC	46	8	M		13	PSYCH	BLDG	
72468	DISC	47	9	M		13	PSYCH	BLDG	
72475	DISC	48	10	M		13	PSYCH	BLDG	
72482	DISC	49	11	M		13	PSYCH	BLDG	
72490	DISC	50	12	M		13	PSYCH	BLDG	
72501	DISC	51	1	M		13	PSYCH	BLDG	
72518	DISC	52	2	M		13	PSYCH	BLDG	
72525	DISC	53	3	M		13	PSYCH	BLDG	
72532	DISC	54	4	M		13	PSYCH	BLDG	
72540	DISC	55	8	TU		13	PSYCH	BLDG	
72557	DISC	56	9	TU		13	PSYCH	BLDG	
72564	DISC	57	10	TU		13	PSYCH	BLDG	
72571	DISC	58	11	TU		13	PSYCH	BLDG	
72589	DISC	59	12	TU		13	PSYCH	BLDG	
72596	DISC	60	1	TU		13	PSYCH	BLDG	
72607	DISC	61	2	TU		13	PSYCH	BLDG	
72614	DISC	62	3	TU		13	PSYCH	BLDG	
72621	DISC	63	4	TU		13	PSYCH	BLDG	
72639	DISC	64	8	W		13	PSYCH	BLDG	
72646	DISC	65	9	W		13	PSYCH	BLDG	
72653	DISC	66	10	W		13	PSYCH	BLDG	
72661	DISC	67	11	W		13	PSYCH	BLDG	
72678	DISC	68	12	W		13	PSYCH	BLDG	
72685	DISC	69	1	W		13	PSYCH	BLDG	
72692	DISC	70	2	W		13	PSYCH	BLDG	
72703	DISC	71	3	W		13	PSYCH	BLDG	
72711	DISC	72	4	W		13	PSYCH	BLDG	
72728	DISC	73	8	TH		13	PSYCH	BLDG	
72735	DISC	74	9	TH		13	PSYCH	BLDG	
72742	DISC	75	10	TH		13	PSYCH	BLDG	
72750	DISC	76	11	TH		13	PSYCH	BLDG	
72767	DISC	77	12	TH		13	PSYCH	BLDG	
72774	DISC	78	1	TH		13	PSYCH	BLDG	
72781	DISC	79	2	TH		13	PSYCH	BLDG	
72799	DISC	80	3	TH		13	PSYCH	BLDG	
72800	DISC	81	4	TH		13	PSYCH	BLDG	
72817	DISC	82	8		F	13	PSYCH	BLDG	
72824	DISC	83	9		F	13	PSYCH	BLDG	
72831	DISC	84	10		F	13	PSYCH	BLDG	
72849	DISC	85	11		F	13	PSYCH	BLDG	
72856	LECT	*EK	9	M	W	F	29	PSYCH	BLDG
72863	LECT	*EL	11	M	W	F	29	PSYCH	BLDG
72871	LECT	*EM	12	M	W	F	29	PSYCH	BLDG
72888	LECT	*EN	2	M	W	F	29	PSYCH	BLDG
92012	LECT	O	8	M	W	F	32	PSYCH	BLDG
92020	LECT	P	12	M	W	F	32	PSYCH	BLDG
92037	LECT	Q	8	M	W	F	17	PSYCH	BLDG
92044	LECT	R	12	M	W	F	17	PSYCH	BLDG
92051	LECT	S	3	M	W	F	17	PSYCH	BLDG
92069	LECT	T	3-420	TU	TH		31	PSYCH	BLDG

PSYCH 103 HUMAN BEHAVIOR.

NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 105.
4 HOURS

72895	LECT		8	TU	TH	100	G	H	MAIER
72906	LAB	1	8-10	M	W	35	PSYCH	BLDG	
72913	LAB	2	8-10	M	W	37	PSYCH	BLDG	
72921	LAB	3	10-12	M	W	35	PSYCH	BLDG	
72938	LAB	4	11-1	M	W	37	PSYCH	BLDG	
72945	LAB	5	1-3	M	W	35	PSYCH	BLDG	
72952	LAB	6	1-3	M	W	37	PSYCH	BLDG	
72960	LAB	7	3-5	M	W	35	PSYCH	BLDG	
72977	LAB	8	3-5	M	W	37	PSYCH	BLDG	
72984	LAB	9	10-12	TU	TH	35	PSYCH	BLDG	
72991	LAB	10	10-12	TU	TH	37	PSYCH	BLDG	
73004	LAB	11	1-3	TU	TH	35	PSYCH	BLDG	
73011	LAB	12	1-3	TU	TH	37	PSYCH	BLDG	
73029	LAB	13	3-5	TU	TH	35	PSYCH	BLDG	
73036	LAB	14	3-5	TU	TH	37	PSYCH	BLDG	

PSYCH 105 ELEMENTS OF PSYCHOLOGY.

NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 103.
FOR PLACEMENT PURPOSES ENROLLMENT IS LIMITED TO STUDENTS WHOSE
ACT COMPOSITE SCORE IS 21 AND BELOW.

4 HOURS

STUDENTS MUST ENROLL FOR THE LECTURE AND ONE DISCUSSION SECTION.

73043	LECT		10	M	W	F	23	PSYCH BLDG
73051	DISC	1	1		W		27	PSYCH BLDG
73068	DISC	2	2		W		27	PSYCH BLDG
73075	DISC	3	3		W		27	PSYCH BLDG
73082	DISC	4	1		TH		27	PSYCH BLDG
73090	DISC	5	2		TH		27	PSYCH BLDG

TRUMPETER

PSYCH 135 STATISTICAL THINKING IN PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR PSYCH. 135 IN ADDITION TO ECON. 171
MATH. 161, OR PSYCH. 235.

*3 HOURS

73101	LECT	A	8	M	W	F	31	PSYCH BLDG
73118	LECT	B	10-1120	TU	TH		31	PSYCH BLDG

PSYCH 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

SECTION A TOPIC: DRUG USAGE: BIOLOGY AND SOCIAL POLICY.

73125	CONF	A	4	TU			213	G H
73132	CONF	B	ARR					
73140	CONF	C	ARR					

KURKE-MCCLURE

COURSES FOR ADVANCED UNDERGRADUATES

PSYCH 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 201 AND SOC. 201.
*4 HOURS

STUDENT ENROLLS IN ONE COMBINATION DISCUSSION-LECTURE.
SECTIONS ED AND EE ARE OFFERED IN THE SPECIAL INTEREST OF, AND
ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS
WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER. FOURTH HOUR TO BE
ARRANGED FOR HONORS SECTION ONLY.

73157	LECT-DISC	A 1	8	TU			27	PSYCH BLDG
		A 1	8	M	W	F		L H THEATER
73164	LECT-DISC	A 2	9	TU			27	PSYCH BLDG
		A 2	8	M	W	F		L H THEATER
73171	LECT-DISC	A 3	10	TU			27	PSYCH BLDG
		A 3	8	M	W	F		L H THEATER
73189	LECT-DISC	A 4	11	TU			27	PSYCH BLDG
		A 4	8	M	W	F		L H THEATER
73196	LECT-DISC	A 5	1	TU			27	PSYCH BLDG
		A 5	8	M	W	F		L H THEATER
73207	LECT-DISC	A 6	2	TU			27	PSYCH BLDG
		A 6	8	M	W	F		L H THEATER
73214	LECT-DISC	A 7	3	TU			27	PSYCH BLDG
		A 7	8	M	W	F		L H THEATER
73221	LECT-DISC	A 8	4	TU			27	PSYCH BLDG
		A 8	8	M	W	F		L H THEATER
73239	LECT-DISC	A 9	8	TH			27	PSYCH BLDG
		A 9	8	M	W	F		L H THEATER
73246	LECT-DISC	A10	9	TH			27	PSYCH BLDG
		A10	8	M	W	F		L H THEATER
73253	LECT-DISC	B 1	10	TU			21	PSYCH BLDG
		B 1	9	M	W	F		L H THEATER
73261	LECT-DISC	B 2	11	TU			21	PSYCH BLDG
		B 2	9	M	W	F		L H THEATER
73278	LECT-DISC	B 3	12	TU			21	PSYCH BLDG
		B 3	9	M	W	F		L H THEATER
73285	LECT-DISC	B 4	1	TU			207	PSYCH BLDG
		B 4	9	M	W	F		L H THEATER
73292	LECT-DISC	B 5	2	TU			21	PSYCH BLDG
		B 5	9	M	W	F		L H THEATER
73303	LECT-DISC	B 6	3	TU			21	PSYCH BLDG
		B 6	9	M	W	F		L H THEATER
73311	LECT-DISC	B 7	4	TU			21	PSYCH BLDG
		B 7	9	M	W	F		L H THEATER
73328	LECT-DISC	B 8	8	TH			21	PSYCH BLDG
		B 8	9	M	W	F		L H THEATER

PSYCH 201 CONTINUED

73335	LECT-DISC	B 9	9		TH	21	PSYCH BLDG
		B 9	9	M	W F	L H	THEATRE
73342	LECT-DISC	B10	10		TH	27	M H
		B10	9	M	W F	L H	THEATRE
73350	LECT-DISC	C 1	8		W	27	PSYCH BLDG
		C 1	12	M	W F	112	G H
73367	LECT-DISC	C 2	9		W	27	PSYCH BLDG
		C 2	12	M	W F	112	G H
73374	LECT-DISC	C 3	10		W	27	PSYCH BLDG
		C 3	12	M	W F	112	G H
73381	LECT-DISC	C 4	10		TH	21	PSYCH BLDG
		C 4	12	M	W F	112	G H
73399	LECT-DISC	C 5	11		TH	21	PSYCH BLDG
		C 5	12	M	W F	112	G H
73400	LECT-DISC	C 6	12		TH	21	PSYCH BLDG
		C 6	12	M	W F	112	G H
73417	LECT-DISC	C 7	1		TH	207	PSYCH BLDG
		C 7	12	M	W F	112	G H
73424	LECT-DISC	C 8	2		TH	21	PSYCH BLDG
		C 8	12	M	W F	112	G H
73431	LECT-DISC	C 9	3		TH	21	PSYCH BLDG
		C 9	12	M	W F	112	G H
73449	LECT-DISC	C10	4		TH	21	PSYCH BLDG
		C10	12	M	W F	112	G H
73456	LECT	6D	10		W F	29	PSYCH BLDG
73463	LECT	6E	1		W F	29	PSYCH BLDG

PSYCH 211 PHYSIOLOGICAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105; PHYSYL. 103 OR ZOOL. 104;
 CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE
 DEPARTMENT OF PSYCHOLOGY.

3 HOURS

73471	LAB-DISC	*1A	9-11	M		258	PSYCH BLDG
		*1A	11		TU TH	32	PSYCH BLDG
73488	LAB-DISC	*1B	9-11	M		258	PSYCH BLDG
		*1B	11		TU TH	32	PSYCH BLDG
73495	LAB-DISC	*2A	9-11		W	258	PSYCH BLDG
		*2A	11		TU TH	32	PSYCH BLDG
73506	LAB-DISC	*2B	9-11		W	258	PSYCH BLDG
		*2B	11		TU TH	32	PSYCH BLDG
73513	LAB-DISC	*3A	9-11		F	258	PSYCH BLDG
		*3A	11		TU TH	32	PSYCH BLDG
73521	LAB-DISC	*3B	9-11		F	258	PSYCH BLDG
		*3B	11		TU TH	32	PSYCH BLDG
73538	LAB-DISC	*4A	9-11		TH	258	PSYCH BLDG
		*4A	11		TU TH	32	PSYCH BLDG
73545	LAB-DISC	*4B	9-11		TH	258	PSYCH BLDG
		*4B	11		TU TH	32	PSYCH BLDG

PSYCH 216 CHILD PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105.

3 HOURS

*SECTIONS 6D AND 6E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE
 LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE
 GRADE-POINT AVERAGE IS 4.25 OR BETTER.

73552	LECT	A	2-320		TU TH	23	PSYCH BLDG
73560	LECT	B	9		M W F	100	G H
73577	LECT	C	10		M W F	100	G H
73584	LECT	*6D	9-1020		TU TH	29	PSYCH BLDG
73591	LECT	*6E	3		M W F	29	PSYCH BLDG

WEIR
 HILL
 L. COHEN

PSYCH 217 COMPARATIVE DEVELOPMENT.

PREREQUISITE: PSYCH. 100, 103, OR 105.

3 HOURS

73602	LECT		10		M W F	32	PSYCH BLDG
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PSYCH 230 PERCEPTION.

PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR
 OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

3 HOURS

*SECTIONS A1 AND B1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2 OR B2.

73610	LECT	*A1	9-1020		TU TH	32	PSYCH BLDG
73627	LECT	*A2	9-1020		TU TH	32	PSYCH BLDG
73634	LECT	*B1	1-220		TU TH	32	PSYCH BLDG
73641	LECT	*B2	1-220		TU TH	32	PSYCH BLDG

HAKE
 HAKE
 KAPPAUF
 KAPPAUF

PSYCH 235 STATISTICAL METHODS IN PSYCHOLOGICAL RESEARCH.
 PREREQUISITE: PSYCH. 100, 103, OR 105; MATH. 111 OR EQUIVALENT;
 CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT
 OF PSYCHOLOGY.
 *ONLY 1 HOUR OF CREDIT IS GIVEN TO THOSE WHO HAVE CREDIT IN
 ECON. 170 OR 171, MATH. 161 OR PSYCH. 135.
 *4 HOURS

73659	LECT	A	9	MTUWTH	31	PSYCH BLDG	
73666	LECT	B	10-12	M W	17	PSYCH BLDG	
73673	LECT	C	1-3	M W	31	PSYCH BLDG	
73681	LECT	D	1-3	TU TH	31	PSYCH BLDG	

CAMPIONE

PSYCH 245 INDUSTRIAL PSYCHOLOGY.
 PREREQUISITE: PSYCH. 100, 103, OR 105; A COURSE IN STATISTICS.
 3 HOURS

73698	LECT	A	9	M W F	17	PSYCH BLDG	
73709	LECT	B	3	M W F	31	PSYCH BLDG	

HULIN

PSYCH 248 LEARNING.
 PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR
 THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

3 HOURS

*SECTIONS A1 AND B1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL
 OTHER STUDENTS MUST ENROLL IN SECTION A2 OR B2.

73716	LECT	*A1	9	M W F	23	PSYCH BLDG	
73723	LECT	*A2	9	M W F	23	PSYCH BLDG	
73731	LECT	*B1	1	M W F	23	PSYCH BLDG	
73748	LECT	*B2	1	M W F	23	PSYCH BLDG	

LIEBERMAN

PSYCH 250 PSYCHOLOGY OF PERSONALITY.
 PREREQUISITE: PSYCH. 100, 103, OR 105.

*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 150 AND 250.

*3 HOURS

SECTIONS 6D, 6E, AND 6F ARE OFFERED IN THE SPECIAL INTEREST OF, AND
 ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS
 WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER.

73755	LECT	A	11	M W F	100	G H	
73762	LECT	B	12	M W F	213	G H	
73770	LECT	C	2	M W F	114	D K H	
73787	LECT	6D	9-1020	TU TH	17	PSYCH BLDG	
73794	LECT	6E	11	M W F	21	PSYCH BLDG	
73805	LECT	6F	2	M W F	17	PSYCH BLDG	

CLORE, RENNER
 AND WIGGINS

PSYCH 258 HUMAN PERFORMANCE IN MAN-MACHINE SYSTEMS.
 PREREQUISITE: PSYCH. 100, 103, 105.

3 HOURS

73812	LECT		1	M W F	17	PSYCH BLDG	
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WILLEGES

PSYCH 292 HONORS, II.
 PREREQUISITE: PSYCH. 291.

2 TO 4 HOURS

73820	CONF		ARR				
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MALPASS

PSYCH 293 INDIVIDUAL TOPICS.

PREREQUISITE: TEN HOURS OF PSYCHOLOGY; A GRADE POINT AVERAGE OF
 4.0; WRITTEN CONSENT OF INSTRUCTOR; IN EXCEPTIONAL CASES, UPON
 RECOMMENDATION OF THE INSTRUCTOR AND APPROVAL BY THE HEAD OF THE
 DEPARTMENT, STUDENTS MAY BE ADMITTED WITH A GRADE-POINT AVERAGE OF
 3.75.

2 TO 4 HOURS

STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE
 SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.

73837	CONF	A	ARR				
73844	CONF	B	ARR				
73851	CONF	C	ARR				

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PSYCH 306 QUANTITATIVE METHODS, I.
 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 135
 OR EQUIVALENT.

4 HOURS OR 1 UNIT

73869	LAB-DISC	A	10-12	M W	31	PSYCH BLDG	
		A	ARR				
73876	LAB-DISC	B	1-3	TU TH	17	PSYCH BLDG	
		B	ARR				

BOGARTZ

TATSUOKA

PSYCH 311 LABORATORY IN PHYSIOLOGICAL PSYCHOLOGY.									
PREREQUISITE: PSYCH. 211 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.									
4 HOURS, OR 1/2 OR 1 UNIT									
73883	LECT		10	M W	21	PSYCH BLDG		DONCHIN A	
	LAB		ARR					MEAD	
PSYCH 326 MOTIVATION AND EMOTION.									
PREREQUISITE: SIX HOURS OF PSYCHOLOGY.									
3 HOURS, OR 1/2 OR 1 UNIT									
73891	LECT		11	M W F	23	PSYCH BLDG			
PSYCH 330 EXPERIMENTAL PSYCHOLOGY, I.									
PREREQUISITE: PSYCH. 230 AND 235, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.									
4 HOURS OR 1/2 UNIT									
73901	LAB-DISC	1	9-11	TU TH	289	PSYCH BLDG		GREENBERG	
		1	9	M W	32	PSYCH BLDG			
73919	LAB-DISC	2	11-1	TU TH	289	PSYCH BLDG			
		2	9	M W	32	PSYCH BLDG			
73926	LAB-DISC	3	2-4	M W	289	PSYCH BLDG			
		3	9	M W	32	PSYCH BLDG			
73933	LAB-DISC	4	2-4	TU TH	289	PSYCH BLDG			
		4	9	M W	32	PSYCH BLDG			
PSYCH 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY.									
SAME AS SOC. 332.									
PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.									
4 HOURS, OR 1/2 OR 1 UNIT									
73941	LAB-DISC	A1	1-3	M W	151	PSYCH BLDG			
		A1	8	TU TH	32	PSYCH BLDG			
73958	LAB-DISC	A2	1-3	TU TH	151	PSYCH BLDG			
		A2	8	TU TH	32	PSYCH BLDG			
73965	LAB-DISC	A3	3-5	M W	151	PSYCH BLDG			
		A3	8	TU TH	32	PSYCH BLDG			
73972	LAB-DISC	A4	3-5	TU TH	151	PSYCH BLDG			
		A4	8	TU TH	32	PSYCH BLDG			
73980	LAB-DISC	B1	8-10	M W	151	PSYCH BLDG			
		B1	1	TU TH	21	PSYCH BLDG			
73997	LAB-DISC	B2	8-10	TU TH	151	PSYCH BLDG			
		B2	1	TU TH	21	PSYCH BLDG			
PSYCH 335 MATHEMATICAL FORMULATIONS IN PSYCHOLOGICAL THEORY.									
PREREQUISITE: ELEMENTARY STATISTICS OR PROBABILITY, ELEMENTARY CALCULUS, AND SIX HOURS OF PSYCHOLOGY, OR PERMISSION OF INSTRUCTOR.									
3 HOURS, OR 1/2 OR 1 UNIT									
74000	LECT		1-220	TU TH	29	PSYCH BLDG			
PSYCH 338 ABNORMAL PSYCHOLOGY.									
PREREQUISITE: SIX HOURS OF PSYCHOLOGY, JUNIOR STANDING EXCEPT FOR THOSE IN THE PREMEDICAL CURRICULUM WHO MAY TAKE THE COURSE AS SECOND SEMESTER SOPHOMORES WITH FOUR HOURS OF PSYCHOLOGY.									
3 HOURS, OR 1/2 OR 1 UNIT									
*SECTIONS 6D AND 6E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.									
74017	LECT	A	8	M W F	23	PSYCH BLDG		RAPPAPORT	
74024	LECT	B	1	M W F	100	N L		BERNSTEIN	
74031	LECT	C	2	M W F	23	PSYCH BLDG		MOSS	
74049	LECT	*6D	10	M W F	207	PSYCH BLDG			
74056	LECT	*6E	1	M W F	207	PSYCH BLDG		WAGMAN	
PSYCH 346 BEHAVIOR GENETICS.									
PREREQUISITE: PSYCH. 100, 103, OR 105 AND A COURSE IN STATISTICS, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.									
4 HOURS, OR 1/2 OR 1 UNIT									
*SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.									
74063	LAB-DISC	*A1	1-3	TU TH	708	PSYCH BLDG		HIRSCH	
		*A1	3	TU TH	275	PSYCH BLDG			
74071	LAB-DISC	*A2	1-3	TU TH	708	PSYCH BLDG			
		*A2	3	TU TH	275	PSYCH BLDG			

PSYCH 351 ADVANCED SOCIAL PSYCHOLOGY.
 SAME AS COMM. 351 AND SOC. 351.
 PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385
 OR A COMPARABLE STATISTICS COURSE.
 3 HOURS, OR 1/2 OR 1 UNIT
 74088 LECT 11 M W F 207 PSYCH BLDG DAVIS

PSYCH 352 ATTITUDE THEORY AND MEASUREMENT.
 SAME AS SOC. 352 AND COMM. 352.
 PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
 3 HOURS, OR 1/2 OR 1 UNIT
 74095 LECT 9 M W F 207 PSYCH BLDG AJZEN

PSYCH 355 INDUSTRIAL SOCIAL PSYCHOLOGY.
 SAME AS L.I.R. 355.
 PREREQUISITE: PSYCH. 201 OR 357.
 3 HOURS, OR 1/2 OR 1 UNIT
 74106 LECT 11 M W F 32 PSYCH BLDG GRAEN

PSYCH 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
 SAME AS L.I.R. 357.
 PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
 *NO CREDIT IS GIVEN FOR UNDERGRADUATE MAJORS IN PSYCHOLOGY.
 *3 HOURS, OR 1/2 OR 1 UNIT
 74113 LECT 11-1220 TU TH 29 PSYCH BLDG

PSYCH 360 MODERN VIEWPOINTS IN PSYCHOLOGY.
 PREREQUISITE: SENIOR STANDING, 9 HOURS OF PSYCHOLOGY WITH AN
 AVERAGE GRADE OF B, WITH CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 74121 LECT 9-1020 TU TH 207 PSYCH BLDG

PSYCH 361 ADVANCED DEVELOPMENTAL PSYCHOLOGY.
 PREREQUISITE: PSYCH. 216 OR 217 AND A COURSE IN STATISTICS.
 3 HOURS, OR 1/2 TO 1 UNIT
 74138 LECT 1 M W F 32 PSYCH BLDG HUNT

PSYCH 369 INTRODUCTION TO HUMAN ECOLOGY.
 SAME AS ANTH., GEOG., H. ED., PHYSL., SOC., V. M. S., AND
 ZOO. 369.
 PREREQUISITE: ONE YEAR OF BIOLOGY, AND ONE YEAR OF ANTHROPOLOGY,
 GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.
 *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE
 AND MAGNITUDE OF THIS PAPER, THE CREDIT MAY BE 3 OR 5 HOURS.
 *3 OR 5 HOURS, OR 1/2 OR 1 UNIT
 74145 LECT-DISC 11 M W F 112 C A

PSYCH 371 PSYCHOLOGICAL FACTORS IN POLITICAL BEHAVIOR.
 PREREQUISITE: SIX HOURS BEYOND 100-LEVEL COURSES IN PSYCHOLOGY,
 POLITICAL SCIENCE, OR SOCIOLOGY.
 3 HOURS, OR 1/2 TO 1 UNIT
 74152 LECT 10-1120 TU TH 23 PSYCH BLDG FISHBEIN

PSYCH 373 HUMAN DEVELOPMENT IN CROSS-CULTURAL PERSPECTIVE.
 SAME AS ANTH. 373.
 PREREQUISITE: SIX HOURS OF ANTHROPOLOGY, SOCIOLOGY OR PSYCHOLOGY OR
 CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 74160 LECT 11-1220 TU TH 17 PSYCH BLDG MALPASS

PSYCH 386 METHODS OF FIELD RESEARCH.
 SAME AS SOC. 386.
 PREREQUISITE: SOC. 184 AND 185 OR PSYCH. 235.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST
 ENROLL IN SECTION A2. SOCIOLOGY MAJORS SEE SOCIOLOGY 386.
 74177 LECT-DISC *A1 3-430 TU TH 314 L H
 74184 LECT-DISC *A2 3-430 TU TH 314 L H

PSYCH 390 PSYCHOLOGICAL TESTS AND MEASUREMENTS.

PREREQUISITE: PSYCH. 235.

4 HOURS OR 1 UNIT

74191	LAB-DISC	A	2	M W	32	PSYCH BLDG	N. WIGGIN
		A	ARR				
74202	LAB-DISC	B	11	TU TH	36	PSYCH BLDG	
		B	ARR				

COURSES FOR GRADUATES

NOTE: THE PREREQUISITES STATED APPLY TO GRADUATE MAJORS IN PSYCHOLOGY. STUDENTS MINORING IN PSYCHOLOGY MAY, BY SPECIAL PERMISSION OF INSTRUCTORS, ENROLL IN CERTAIN OF THESE COURSES WITHOUT HAVING MET ALL OF THE PREREQUISITES.

PSYCH 402 SYSTEMATIC PSYCHOLOGY.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.

1 UNIT

74210	LECT		10-12	F	17	PSYCH BLDG	
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PSYCH 404 PROSEMINAR IN GENERAL PSYCHOLOGY, II.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.

1 UNIT

74227	LECT		3-5	TUWTH	32	PSYCH BLDG	J. COHEN
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PSYCH 408 DESIGN OF EXPERIMENTS IN PSYCHOLOGY.

PREREQUISITE: PSYCH. 307.

1 UNIT

74234	LECT		10-12	M	508	PSYCH BLDG	KAPPAUF
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PSYCH 409 PSYCHOLOGICAL SCALING.

SAME AS SOC. 409.

PREREQUISITE: PSYCH. 307.

1 UNIT

74241	LECT		10-12	F	708	PSYCH BLDG	L. JONES
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PSYCH 411 ADVANCED PSYCHOLOGICAL PSYCHOLOGY.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 311 OR EQUIVALENT.

1 UNIT

74259	LECT		10-12	TH	508	PSYCH BLDG	DONCHIN
	LAB		ARR				GREENOUGH
							AND MEAD

PSYCH 416 PERCEPTION.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.

1 UNIT

74266	LECT		10-12	W	608	PSYCH BLDG	HAKE
	LAB		ARR				

PSYCH 417 EXPERIMENTAL PSYCHOLOGY OF LEARNING, I: BASIC PROCESSES.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.

1 UNIT

74273	LECT		1-3	M	508	PSYCH BLDG	MAIER
	LAB		ARR				

PSYCH 425 PSYCHOLINGUISTICS.

SAME AS COMM. AND LING. 425.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

74281	LECT		9-11	F	21	PSYCH BLDG	BREWER
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PSYCH 435 MOTIVATION AND MORALE IN INDUSTRY.

SAME AS L.I.R. 435.

PREREQUISITE: FOUR UNITS OF GRADUATE CREDIT IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR.

1 UNIT

74298	LECT		2-4	M	21	PSYCH BLDG	HULIN
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PSYCH 438 INTRODUCTION TO CLINICAL PSYCHOLOGY, I.
 PREREQUISITE: GRADUATE STANDING IN CLINICAL PSYCHOLOGY; CONSENT
 OF INSTRUCTOR.
 1 UNIT
 74309 LECT-DISC 2-4 W 21 PSYCH BLDG D. PETERSON

PSYCH 440 FUNCTIONAL ANALYSIS OF BEHAVIOR.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT
 74316 LECT-DISC 9-11 F 27 PSYCH BLDG R. PETERSON

PSYCH 441 PERSONALITY AND BEHAVIOR DYNAMICS.
 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.
 *GRADUATE CREDIT IS NOT ALLOWED FOR BOTH PSYCH. 350 AND 441.
 1/2 UNIT
 74323 LECT A 10-12 F 508 PSYCH BLDG
 74331 LECT B 1-3 TU 508 PSYCH BLDG CLORE

PSYCH 443 PSYCHODIAGNOSTICS, I.
 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 390 OR
 EQUIVALENT; PSYCH. 439.
 1 UNIT
 74348 LECT 8-12 TU 26 C R C SHANNON

PSYCH 445 BEHAVIOR MODIFICATION.
 PREREQUISITE: PSYCH. 444, WITH ENROLLMENT IN PSYCH. 447
 RECOMMENDED.
 1/2 UNIT
 74355 LECT 1-5 W 26 C R C PAUL

PSYCH 446 LABORATORIES IN CLINICAL PSYCHOLOGY.
 PREREQUISITE: PSYCH. 445.
 1/2 TO 1 UNIT
 74362 LAB A ARR 26 C R C CLINIC
 74370 LAB B ARR 26 C R C STAFF
 74387 LAB C ARR 26 C R C
 92083 LAB D ARR
 92076 LAB E ARR

PSYCH 449 MEDICINE IN CLINICAL PSYCHOLOGY.
 PREREQUISITE: SECOND YEAR GRADUATE STANDING IN CLINICAL PSYCHOLOGY
 OR CONSENT OF INSTRUCTOR.
 1/2 UNIT
 74394 LECT-DISC 10-12 W 26 C R C LITTLE

PSYCH 453 ORGANIZATIONAL SCIENCES, I.
 SAME AS B. ADM. 410, POL. S. 460, AND SOC. 456.
 PREREQUISITE: ENROLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN
 A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR.
 1 UNIT
 74405 LECT-DISC 10-12 W 166 CGM W

PSYCH 455 RESEARCH METHODS IN ORGANIZATIONAL PSYCHOLOGY.
 PREREQUISITE: PSYCH. 351 OR 355 OR 359, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 74412 LECT 9-11 TU 708 PSYCH BLDG GRAEN

PSYCH 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
 SAME AS COMM. 456.
 PREREQUISITE: PSYCH. 351 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
 1 UNIT
 74420 LECT 1-3 M 608 PSYCH BLDG FISHBEIN

PSYCH 459 LEADERSHIP AND GROUP EFFECTIVENESS.
 PREREQUISITE: PSYCH. 351 OR EQUIVALENT.
 1 UNIT
 74437 LECT 10-12 TU 608 PSYCH BLDG DAVIS

PSYCH 460 MOTIVATION AND PERSONALITY DEVELOPMENT IN CHILDREN.
 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.
 1 UNIT
 74444 LECT 9-11 TH 608 PSYCH BLDG HILL

PSYCH 464 SOCIAL PERCEPTION.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT.
1 UNIT
74451 CONF 10-12 F 608 PSYCH BLDG TRIANDIS

PSYCH 467 PERSONALITY ASSESSMENT.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT.
1 UNIT
74469 LECT 1-3 TU 608 PSYCH BLDG J. WIGGINS

PSYCH 469 COGNITIVE DEVELOPMENT.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1 UNIT
74476 LECT 1-3 TH 508 PSYCH BLDG BOGARTZ

PSYCH 470 PRINCIPLES AND METHODS OF TEACHING PSYCHOLOGY.
PREREQUISITE: SECOND-YEAR GRADUATE STANDING IN PSYCHOLOGY OR
CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT
74483 LECT 10-12 M 608 PSYCH BLDG COSTIN

PSYCH 490 INDIVIDUAL RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE
SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
74491 CONF A ARR
74501 CONF B ARR
74519 CONF C ARR STAFF

PSYCH 493 SEMINAR.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY; CONSENT
OF INSTRUCTOR.
1/2 OR 1 UNIT
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE
SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
74526 LECT-DISC A ARR
74533 LECT-DISC B ARR
74541 LECT-DISC C ARR STAFF

PSYCH 499 THESIS RESEARCH.
0 TO 4 UNITS
*SECTION A IS FOR M.A. THESIS, SECTION B IS FOR PH. D. THESIS.
74558 CONF *A ARR
74565 CONF *B ARR STAFF

RADIO AND TELEVISION

DEPARTMENT OFFICE

227 G H

COURSES FOR ADVANCED UNDERGRADUATES

R TV	252	TELEVISION LABORATORY.									
		PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.									
		3 HOURS									
		*LECTURE 1 AND LAB SECTIONS A1 AND B1 ARE FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE 2 AND LAB SECTIONS A2 AND B2.									
	74572	LECT	*1	8	M		225	G H			
	74580	LECT	*2	8	M		225	G H			
	74597	LAB	*A1	8-10		W F		B TV BLDG			
	74608	LAB	*A2	8-10		W F		B TV BLDG			
	74615	LAB	*B1	8-10		TU TH		B TV BLDG			
	74622	LAB	*B2	8-10		TU TH		B TV BLDG			
R TV	261	PRINCIPLES OF RADIO AND TELEVISION BROADCASTING.									
		2 HOURS									
	74630	LECT-DISC	N	10		TU TH	43	G H			
	74647	LECT-DISC	P	11		TU TH	225	G H			
	74654	LECT-DISC	S	2		TU TH	113	G H			DOUGLASS
R TV	263	RADIO AND TELEVISION ANNOUNCING.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		2 HOURS									
	74661	LECT-DISC		8-10		TU TH	233	G H			
R TV	267	RADIO PRODUCTION AND DIRECTION.									
		PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.									
		3 HOURS									
	74679	LECT	A	8	M		233	G H			
		LAB	A	8-10		W F	233	G H			
R TV	280	FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.									
		SAME AS THEAT. 280 AND RHET. AND SPCH. 263.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		3 HOURS									
	74686	LECT-DISC		1	M W		A ENSEMBLE KRN				AULETTA
				2	M		A ENSEMBLE KRN				
R TV	291	SPECIAL PROBLEMS.									
		PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.									
		2 OR 3 HOURS									
	74693	CONF		ARR							STAFF
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES											
R TV	354	TELEVISION DIRECTING.									
		PREREQUISITE: R. TV. 252; CONSENT OF HEAD OF DEPARTMENT.									
		3 HOURS OR 1/2 UNIT									
		*SECTION B1 IS FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B2.									
	74704	LAB-DISC	*B1	9	M		225	G H			
			*B1	8-10		W F		A TV BLDG			
	74711	LAB-DISC	*B2	9	M		225	G H			
			*B2	8-10		W F		A TV BLDG			
R TV	355	TELEVISION NEWS.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		3 HOURS OR 1/2 UNIT									
	74729	LECT-DISC	C	10	M		225	G H			
		LAB	C	10-12		W F	225	G H			
R TV	356	CINEMATOGRAPHY FOR TELEVISION.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		3 HOURS OR 1/2 UNIT									
	74736	LECT	L	8		TU TH	501 S	WRIGHT			
		LAB	L	9-12		TH	501 S	WRIGHT			
	74743	LECT	R	1		TU TH	501 S	WRIGHT			
		LAB	R	2-5		TU	501 S	WRIGHT			

R TV 362	RADIO AND TELEVISION STATION MANAGEMENT.									
	PREREQUISITE: R. TV. 261, SENIOR STANDING.									
	2 HOURS OR 1/2 UNIT									
74751	LECT-DISC		10	TU TH	225	G H	MULLALLY			
R TV 365	RADIO NEWS.									
	PREREQUISITE: JOURN. 211.									
	3 HOURS OR 1/2 UNIT									
74768	LECT-DISC		2	M	225	G H	CRAMER			
74775	LAB	G	2-4	W F	225	G H	CRAMER			
74782	LAB	H	2-4	TU TH	225	G H	CRAMER			
R TV 366	ADVANCED RADIO AND TELEVISION PRACTICES, I.									
	PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.									
	2 HOURS OR 1/2 UNIT									
74790	CONF	A	ARR				STAFF			
74801	CONF	B	ARR		236	G H	CRAMER			
74818	CONF	C	ARR		501 S	WRIGHT	HALL			
74825	CONF	D	ARR		232	G H	LIPPOLD			
74832	CONF	E	ARR		42	G H	MULLALLY			
R TV 367	ADVANCED RADIO AND TELEVISION PRACTICES, II.									
	PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.									
	2 HOURS OR 1/2 UNIT									
74840	CONF	A	ARR				STAFF			
74857	CONF	B	ARR		236	G H	CRAMER			
74864	CONF	C	ARR		501 S	WRIGHT	HALL			
74871	CONF	D	ARR		232	G H	LIPPOLD			
74889	CONF	E	ARR		42	G H	MULLALLY			
R TV 368	RADIO AND TELEVISION REGULATIONS.									
	PREREQUISITE: SENIOR STANDING.									
	2 HOURS OR 1/2 UNIT									
74896	LECT-DISC	P	11	TU TH	113	G H	DOUGLASS			
COURSES FOR GRADUATES										
R TV 450	SPECIAL PROBLEMS IN TELEVISION.									
	PREREQUISITE: A TELEVISION COURSE IN THE AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.									
	1/2 TO 3 UNITS									
74907	CONF	A	ARR				STAFF			
74914	CONF	B	ARR		236	G H	CRAMER			
74921	CONF	C	ARR		501 S	WRIGHT	HALL			
74939	CONF	D	ARR		232	G H	LIPPOLD			
74946	CONF	E	ARR		42	G H	MULLALLY			
R TV 462	SEMINAR IN RADIO AND TELEVISION.									
	SAME AS COMM. 462.									
	1 UNIT									
74953	LECT-DISC		3-5	M	18	G H				
R TV 490	SPECIAL TOPICS IN RADIO AND TELEVISION.									
	PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.									
	1/2 OR 1 UNIT									
74961	CONF	A	ARR				STAFF			
74978	CONF	B	ARR				MULLALLY			
R TV 499	THESIS RESEARCH.									
	PREREQUISITE: GRADUATE STANDING IN RADIO AND TELEVISION.									
	1 OR 2 UNITS									
74985	CONF		ARR				STAFF			

RECREATION AND PARK ADMINISTRATION

DEPARTMENT OFFICE

104 HUFF GYM

COURSES FOR UNDERGRADUATES

REC	100	LEISURE: ITS USES AND RESOURCES.									
		4 HOURS									
	74992	LECT		9	M		428	ARMORY		LOWREY	
		LAB		3-5	TU	ARR				STAFF	
	75005	DISC	A	9		W F	211	H G		LOWREY	
	75012	DISC	B	9		W	331	ARMORY		LUPTON	
			B	9		F	431	ARMORY			
	75020	DISC	C	9		W F	433	ARMORY		MILLER	
REC	110	THEORIES AND METHODS OF LEADERSHIP.									
		PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	75037	LECT-DISC		11	M	F	154	ARMORY		GERSTENBERGER	
		LAB		11-1		W	154	ARMORY		GERSTENBERGER	
REC	140	PRINCIPLES OF CAMPING.									
		3 HOURS									
		INCLUDES FIVE PRACTICAL CAMPING SESSIONS WITH BOYS AND GIRLS, 8.30 A.M. TO 12.00 NOON SATURDAYS, OCT. AND NOV.									
	75044	LECT-DISC		10-1130	TU TH		136	ARMORY		IVINS	
REC	180	FIELD EXPERIENCE, I.									
		PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR CONSENT OF INSTRUCTOR.									
		0 TO 1 HOUR									
	75051	LAB-DISC		3-5		W	137	ARMORY		GARRET	
REC	181	FIELD EXPERIENCE, II.									
		PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR CONSENT OF INSTRUCTOR.									
		0 TO 1 HOUR									
	75069	LAB-DISC		3-5		W	137	ARMORY		GARRET	
REC	199	UNDERGRADUATE OPEN SEMINAR.									
		*MAY BE REPEATED.									
		*0 TO 9 HOURS									
	75076	CONF		ARR						STAFF	

COURSES FOR ADVANCED UNDERGRADUATES

REC	200	OBSERVATION TRIP.									
		PREREQUISITE: MAJOR OR MINOR IN RECREATION.									
		0 CREDIT									
	75083	LAB		ARR						STAFF	
REC	210	THEORIES AND METHODS OF SUPERVISION.									
		PREREQUISITE: REC. 180 AND 181, OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	75091	LECT-DISC		10	M	W F				LOWREY & STAFF	
REC	215	RECREATION PROGRAM DEVELOPMENT.									
		PREREQUISITE: REC. 100 AND 200, OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	75101	LECT-DISC		130-3	TU TH		330	ARMORY		MILLER & STAFF	
REC	230	INTRODUCTION TO THERAPEUTIC RECREATION.									
		PREREQUISITE: REC. 100, 110, AND 180, OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	75119	LECT-DISC		830-10	TU TH		152	ARMORY		FRYE & STAFF	
REC	240	INTRODUCTION TO OUTDOOR EDUCATION AND RECREATION.									
		PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	75126	LECT-DISC		3-5	TU TH		154	ARMORY		WEAVER	

REC	250	SPECIAL PROBLEMS.						
		PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.						
		APPROVAL OF DEPARTMENT HEAD.						
		*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.						
		*2 OR 3 HOURS						
	75133	CONF		ARR				FRYE
REC	260	HONORS SEMINAR.						
		SAME AS H. ED., P. E. W., AND P. E. M. 260.						
		PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.						
		*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.						
		*2 HOURS						
	75141	LECT-DISC	8X1	7-9PM	W	207B	FREER GYM	
	75158	LECT-DISC	8X2	7-9PM	W	15	E B	
REC	280	PRE-PRACTICUM SEMINAR.						
		PREREQUISITE: REC. 181; JUNIOR STANDING AND CONSENT OF THE SUPERVISOR OF FIELD TRAINING.						
		0 CREDIT						
	75165	LAB-DISC		3-5	M	154	ARMORY	GARRET, LOREN FRYE, LINDA
REC	290	RESEARCH IN RECREATION AND PARKS.						
		PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.						
		3 HOURS						
	75172	LECT-DISC		130-3	TU TH	429	ARMORY	STAFF
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES								
REC	310	INTRODUCTION TO ADMINISTRATION.						
		PREREQUISITE: REC. 100 AND ADVANCED UNDERGRADUATE STANDING.						
		3 HOURS, OR 1/2 OR 1 UNIT						
	75180	LECT-DISC		10-12	W	331	ARMORY	PEZOLDT
				10-12	M	160	COM W	
REC	321	RECREATIONAL USE OF PUBLIC LANDS.						
		PREREQUISITE: REC. 100, GEOG. 214, AND ECON 108, OR CONSENT OF INSTRUCTOR.						
		3 HOURS, OR 1/2 OR 1 UNIT						
	75197	LECT-DISC		7-PM	M	154	ARMORY	VAN METER
COURSES FOR GRADUATES								
REC	401	FOUNDATIONS OF RECREATION.						
		PREREQUISITE: REC. 100 OR EQUIVALENT.						
		1 UNIT						
	75208	LECT-DISC		10-12	TH	429	ARMORY	SAPORA
REC	403	EVALUATION OF RECREATION RESOURCES AND PROGRAMS.						
		PREREQUISITE: REC 100 OR 310, OR EQUIVALENT.						
		1 UNIT						
	75215	LECT-DISC		3-5	TU TH	429	ARMORY	BISHOP
		LAB		1-3	M	ARR		WITT
REC	490	SEMINAR.						
		0 CREDIT						
	75222	LECT-DISC		10-12	TU	429	ARMORY	SAPORA
REC	493	SPECIAL PROJECTS.						
		PREREQUISITE: REC. 403 OR EQUIVALENT, RECREATION MAJOR.						
		1/2 TO 2 UNITS						
	75230	LECT-DISC	A	3-5	M W	133	ARMORY	BISHOP AND LINFORD
	75247	CONF	B	ARR				FRYE
	75254	CONF	C	ARR				SAPORA
	75261	CONF	D	ARR				WEAVER
	75279	CONF	E	ARR				ELLIS
	75286	CONF	F	ARR				STAFF

RELIGIOUS STUDIES

DEPARTMENT OFFICE

361 L H

THIS PROGRAM IS SPONSORED BY THE COMMITTEE ON RELIGIOUS STUDY.
THE FACULTY ADVISER FOR MINORS IN THIS PROGRAM IS PROFESSOR
JOHN J. BATEMAN, 361 LINCOLN HALL.

THE MINOR IN RELIGIOUS STUDIES REQUIRES AT LEAST TWENTY
SEMESTER HOURS (INCLUDING HUMANITIES 201 AND 202) DISTRIBUTED
AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE LIST BELOW.

FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE
APPROPRIATE DEPARTMENTS.

ANTHROPOLOGY	363
CLASSICAL CIVILIZATION	111
HUMANITIES	201, 202, 203, 205, 206, 208
HISTORY	304, 306, 307, 397, 398, 399
PHILOSOPHY	110, 304, 324, 361, 362, 363
SOCIOLOGY	229, 328

RHETORIC

INCLUDING RHETORIC AND COMPOSITION, ENGLISH
AS A SECOND LANGUAGE, AND BUSINESS AND TECHNICAL WRITING

RHETORIC AND COMPOSITION

DEPARTMENT OFFICE

100 E B

MAJOR: TWENTY HOURS IN ENGLISH, INCLUDING TEN HOURS IN LITERATURE
(CHOSEN FROM ENGLISH 131 AND ENGLISH COURSES AT THE 200 OR 300
LEVELS) AND TEN HOURS OF WRITING (CHOSEN FROM RHETORIC 143, 144,
205, 206, 227, 246, 255, 263, AND 330). AT LEAST ONE COURSE IN
EXPOSITORY WRITING (RHETORIC 143, 227) IS REQUIRED. WITH AN
ADVISOR'S PERMISSION, SPEECH 363 OR JOURNALISM 326 MAY BE COUNTED
TOWARD THE MAJOR. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL
SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE
DEPARTMENT HE WISHES TO ENTER.

MINOR: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE
FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO
ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY,
HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY,
POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN
APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR
MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE
ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A
SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER,
OTHER SUBJECTS MAY BE SUBSTITUTED. NO LANGUAGE COURSES WILL
SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJOR
OF THEIR DEPARTMENT EXCEPT FRENCH 103, 104, GERMAN 103, 104,
LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND
SPANISH 103, 104. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING
FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED. STUDENTS
INTENDING TO DO GRADUATE WORK SHOULD CONSULT THE LANGUAGE
REQUIREMENTS OF THE GRADUATE COLLEGE AND THE ENGLISH DEPARTMENT
WHEN THEY PLAN THEIR MINOR PROGRAMS.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: A STUDENT MAJORING IN RHETORIC AND COMPOSITION WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR HIGHER) MAY EARN DISTINCTION ONLY BY COMPLETING NINE HOURS OF HONORS WORK IN ADDITION TO THE MINIMUM NUMBER OF HOURS REQUIRED FOR HIS MAJOR. THIS ADDITIONAL CREDIT MUST INVOLVE A SIGNIFICANT WRITING PROJECT IN RHETORIC 255, THE COMPLETION OF ENGLISH 297, AND ANY TWO OF THE FOLLOWING THREE HONORS COURSES: ENGLISH 197, 295, 296. THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE INSTRUCTORS IN CHARGE OF THE COURSES AND THE HONORS COMMITTEE. TO RECEIVE HIGH DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGHEST DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.75. IF, IN THE OPINION OF HIS INSTRUCTORS AND THE COMMITTEE, A CANDIDATE HAS NOT EARNED DISTINCTION, HE MAY STILL RECEIVE CREDIT FOR THE COURSE.

COURSES FOR UNDERGRADUATES

RHET 101 FRESHMAN RHETORIC AND COMPOSITION.

3 HOURS

*ENROLLMENT IN STARRED SECTIONS RESTRICTED TO RESIDENTS IN THE RESIDENCE HALLS.

75304	LECT-DISC A1	8	M	W	F	242	ARMORY
75311	LECT-DISC A2	8	M	W	F	243	ARMORY
75329	LECT-DISC A3	8	M	W	F	337	ARMORY
75336	LECT-DISC A4	8	M	W	F	9	C A
75343	LECT-DISC A5	8	M	W	F	320	CER
75351	LECT-DISC A6	8	M	W	F	136	E E B
75368	LECT-DISC A7	8	M	W	F	248	M E B
75375	LECT-DISC A8	8	M	W	F	109	N L
75382	LECT-DISC A9	8	M	W	F	156	M E B
75390	LECT-DISC B1	9	M	W	F	242	ARMORY
75401	LECT-DISC B2	9	M	W	F	243	ARMORY
75418	LECT-DISC B3	9	M	W	F	221	G H
75425	LECT-DISC B4	9	M	W	F	9	C A
75432	LECT-DISC B5	9	M	W	F	320	CER
75440	LECT-DISC B6	9	M	W	F	136	E E B
75457	LECT-DISC B7	9	M	W	F	248	M E B
75464	LECT-DISC B8	9	M	W	F	238	M E B
75471	LECT-DISC B9	9	M	W	F	244	M E B
75489	LECT-DISC C 1	10	M	W	F	242	ARMORY
75496	LECT-DISC C 2	10	M	W	F	243	ARMORY
75507	LECT-DISC C 3	10	M	W	F	328	D K H
75514	LECT-DISC C 4	10	M	W	F	9	C A
75521	LECT-DISC C 5	10	M	W	F	320	CER
75539	LECT-DISC C 6	10	M	W	F	136	E E B
75546	LECT-DISC C 7	10	M	W	F	248	M E B
75553	LECT-DISC C 8	10	M	W	F	238	M E B
75561	LECT-DISC C 9	10	M	W	F	244	M E B
77006	LECT-DISC *C10	10	M	W	F	E TV	P A R
75578	LECT-DISC D 1	11	M	W	F	242	ARMORY
75585	LECT-DISC D 2	11	M	W	F	243	ARMORY
75592	LECT-DISC D 3	11	M	W	F	156	M E B
75603	LECT-DISC D 4	11	M	W	F	9	C A
75611	LECT-DISC D 5	11	M	W	F	320	CER
75628	LECT-DISC D 6	11	M	W	F	136	E E B
75635	LECT-DISC D 7	11	M	W	F	248	M E B
75642	LECT-DISC D 8	11	M	W	F	238	M E B
75650	LECT-DISC D 9	11	M	W	F	244	M E B
77013	LECT-DISC *D10	11	M	W	F	E TV	P A R
75667	LECT-DISC X1	12	M	W	F	242	ARMORY
75674	LECT-DISC X2	12	M	W	F	243	ARMORY
75681	LECT-DISC X3	12	M	W	F	156	M E B
75699	LECT-DISC X4	12	M	W	F	9	C A
75700	LECT-DISC X5	12	M	W	F	320	CER
75717	LECT-DISC X6	12	M	W	F	136	E E B
75724	LECT-DISC X7	12	M	W	F	248	M E B
75731	LECT-DISC X8	12	M	W	F	238	M E B
75749	LECT-DISC X9	12	M	W	F	244	M E B
75756	LECT-DISC E1	1	M	W	F	242	ARMORY
75763	LECT-DISC E2	1	M	W	F	243	ARMORY
75771	LECT-DISC E3	1	M	W	F	156	M E B
75788	LECT-DISC E4	1	M	W	F	9	C A
75795	LECT-DISC E5	1	M	W	F	320	CER
75806	LECT-DISC E6	1	M	W	F	136	E E B
75813	LECT-DISC E7	1	M	W	F	154	ARMORY

RHET 101 CONTINUED

75821	LECT-DISC	E8	1	M	W	F	238	M	E	B
75838	LECT-DISC	E9	1	M	W	F	244	M	E	B
75845	LECT-DISC	F 1	2	M	W	F	242	ARMORY		
75852	LECT-DISC	F 2	2	M	W	F	243	ARMORY		
75860	LECT-DISC	F 3	2	M	W	F	252	M	E	B
75877	LECT-DISC	F 4	2	M	W	F	9	C	A	
75884	LECT-DISC	F 5	2	M	W	F	320	CER		
75891	LECT-DISC	F 6	2	M	W	F	136	E	E	B
75902	LECT-DISC	F 7	2	M	W	F	156	M	E	B
75910	LECT-DISC	F 8	2	M	W	F	238	M	E	B
75927	LECT-DISC	F 9	2	M	W	F	244	M	E	B
77021	LECT-DISC	*F10	2	M	W	F	E TV	P	A	R
75934	LECT-DISC	G 1	3	M	W	F	242	ARMORY		
75941	LECT-DISC	G 2	3	M	W	F	243	ARMORY		
75959	LECT-DISC	G 3	3	M	W	F	333	ARMORY		
75966	LECT-DISC	G 4	3	M	W	F	9	C	A	
75973	LECT-DISC	G 5	3	M	W	F	320	CER		
75981	LECT-DISC	G 6	3	M	W	F	136	E	E	B
75998	LECT-DISC	G 7	3	M	W	F	221	G	H	
76001	LECT-DISC	G 8	3	M	W	F	240	L	H	
76018	LECT-DISC	G 9	3	M	W	F	108	SURV	BLDG	
76025	LECT-DISC	G10	3	M	W	F	252	M	E	B
76032	LECT-DISC	H 1	4	M	W	F	147	ARMORY		
76040	LECT-DISC	H 2	4	M	W	F	241	ARMORY		
76057	LECT-DISC	H 3	4	M	W	F	242	ARMORY		
76064	LECT-DISC	H 4	4	M	W	F	243	ARMORY		
76071	LECT-DISC	H 5	4	M	W	F	328	ARMORY		
76089	LECT-DISC	H 6	4	M	W	F	333	ARMORY		
76096	LECT-DISC	H 7	4	M	W	F	337	ARMORY		
76107	LECT-DISC	H 8	4	M	W	F	9	C	A	
76114	LECT-DISC	H 9	4	M	W	F	136	E	E	B
76121	LECT-DISC	H10	4	M	W	F	119	E	B	
76139	LECT-DISC	H11	4	M	W	F	240	L	H	
76146	LECT-DISC	H12	4	M	W	F	108	SURV	BLDG	
76153	LECT-DISC	L1	8	TU	TH	S	108	E	B	
76161	LECT-DISC	L2	8	TU	TH	S	205	E	B	
76178	LECT-DISC	L3	8	TU	TH	S	117	E	B	
76185	LECT-DISC	L4	8	TU	TH	S	201	E	B	
76192	LECT-DISC	M1	9	TU	TH	S	205	E	B	
76203	LECT-DISC	M2	9	TU	TH	S	209	E	B	
76211	LECT-DISC	M3	9	TU	TH	S	117	E	B	
76228	LECT-DISC	M4	9	TU	TH	S	201	E	B	
76235	LECT-DISC	M5	9	TU	TH	S	108	SURV	BLDG	
76242	LECT-DISC	N1	10	TU	TH	S	102	L	H	
76250	LECT-DISC	N2	10	TU	TH	S	105	H	H	
76267	LECT-DISC	N3	10	TU	TH	S	108	SURV	BLDG	
76274	LECT-DISC	N4	10	TU	TH	S	312	N	L	
76281	LECT-DISC	P1	11	TU	TH	S	108	SURV	BLDG	
76299	LECT-DISC	P2	11	TU	TH	S	312	N	L	
76300	LECT-DISC	P3	11	TU	TH	S	156	M	E	B
76317	LECT-DISC	P4	11	TU	TH	S	252	M	E	B
76324	LECT-DISC	J 1	9-1030	TU	TH		147	ARMORY		
76331	LECT-DISC	J 2	9-1030	TU	TH		242	ARMORY		
76349	LECT-DISC	J 3	9-1030	TU	TH		243	ARMORY		
76356	LECT-DISC	J 4	9-1030	TU	TH		328	ARMORY		
76363	LECT-DISC	J 5	9-1030	TU	TH		333	ARMORY		
76371	LECT-DISC	J 6	9-1030	TU	TH		337	ARMORY		
76388	LECT-DISC	J 7	9-1030	TU	TH		320	CER		
76395	LECT-DISC	J 8	9-1030	TU	TH		310	D	K	H
76406	LECT-DISC	J 9	9-1030	TU	TH		312	D	K	H
76413	LECT-DISC	J10	9-1030	TU	TH		136	E	E	B
76421	LECT-DISC	J11	9-1030	TU	TH		248	M	E	B
76438	LECT-DISC	J12	9-1030	TU	TH		252	M	E	B
76445	LECT-DISC	K 1	1030-12	TU	TH		147	ARMORY		
76452	LECT-DISC	K 2	1030-12	TU	TH		242	ARMORY		
76460	LECT-DISC	K 3	1030-12	TU	TH		243	ARMORY		
76477	LECT-DISC	K 4	1030-12	TU	TH		328	ARMORY		
76484	LECT-DISC	K 5	1030-12	TU	TH		333	ARMORY		
76491	LECT-DISC	K 6	1030-12	TU	TH		337	ARMORY		
76502	LECT-DISC	K 7	1030-12	TU	TH		320	CER		
76510	LECT-DISC	K 8	1030-12	TU	TH		310	D	K	H
76527	LECT-DISC	K 9	1030-12	TU	TH		312	D	K	H
76534	LECT-DISC	K10	1030-12	TU	TH		136	E	E	B
76541	LECT-DISC	K11	1030-12	TU	TH		248	M	E	B
76559	LECT-DISC	01	11-1230	TU	TH		108	E	B	
76566	LECT-DISC	02	11-1230	TU	TH		105	H	H	
76573	LECT-DISC	03	11-1230	TU	TH		196	L	H	
76581	LECT-DISC	04	11-1230	TU	TH		240	L	H	
76598	LECT-DISC	Q1	12-130	TU	TH		147	ARMORY		

RHET 101 CONTINUED

76609	LECT-DISC	Q2	12-130	TU TH	241	ARMORY
76616	LECT-DISC	Q3	12-130	TU TH	242	ARMORY
76623	LECT-DISC	Q4	12-130	TU TH	243	ARMORY
76631	LECT-DISC	Q5	12-130	TU TH	337	ARMORY
76648	LECT-DISC	Q6	12-130	TU TH	320	CER
76655	LECT-DISC	Q7	12-130	TU TH	136	E E B
76662	LECT-DISC	Q8	12-130	TU TH	304	L H
76670	LECT-DISC	Q9	12-130	TU TH	248	M E B
76687	LECT-DISC	R1	1	TU	156	M E B
		R1	1-3	TH	156	M E B
76694	LECT-DISC	R2	1	TU	244	M E B
		R2	1-3	TH	244	M E B
76705	LECT-DISC	R3	1	TU	156	ADMIN
		R3	1-3	TH	156	ADMIN
76712	LECT-DISC	R4	1	TU	362	L H
		R4	1-3	TH	362	L H
76720	LECT-DISC	S1	2	TU	302	L H
		S1	4-6	TH	302	L H
76737	LECT-DISC	S2	2	TU	108	E B
		S2	4-6	TH	108	E B
76744	LECT-DISC	S3	2	TU	201	E B
		S3	4-6	TH	201	E B
76751	LECT-DISC	S4	2	TU	205	E B
		S4	4-6	TH	205	E B
76769	LECT-DISC	S5	2	TU	209	E B
		S5	4-6	TH	209	E B
76776	LECT-DISC	S6	2	TU	105	H H
		S6	4-6	TH	105	H H
76783	LECT-DISC	T1	3-5	TU	196	L H
		T1	3	TH	196	L H
76791	LECT-DISC	T2	3-5	TU	156	M E B
		T2	3	TH	156	M E B
76801	LECT-DISC	T3	3-5	TU	144	BEV HALL
		T3	3	TH	144	BEV HALL
76819	LECT-DISC	U1	130-3	TU TH	147	ARMORY
76826	LECT-DISC	U2	130-3	TU TH	241	ARMORY
76833	LECT-DISC	U3	130-3	TU TH	242	ARMORY
76841	LECT-DISC	U4	130-3	TU TH	243	ARMORY
76858	LECT-DISC	U5	130-3	TU TH	337	ARMORY
76865	LECT-DISC	U6	130-3	TU TH	320	CER
76872	LECT-DISC	U7	130-3	TU TH	136	E E B
76880	LECT-DISC	U8	130-3	TU TH	248	M E B
76897	LECT-DISC	W1	1-230	TU TH	64	M E B
76908	LECT-DISC	W2	1-230	TU TH	252	M E B
76915	LECT-DISC	Y1	230-4	TU TH	64	M E B
76922	LECT-DISC	Y2	230-4	TU TH	252	M E B
76930	LECT-DISC	Z1	3-430	TU TH	147	ARMORY
76947	LECT-DISC	Z2	3-430	TU TH	241	ARMORY
76954	LECT-DISC	Z3	3-430	TU TH	242	ARMORY
76961	LECT-DISC	Z4	3-430	TU TH	243	ARMORY
76979	LECT-DISC	Z5	3-430	TU TH	337	ARMORY
76986	LECT-DISC	Z6	3-430	TU TH	320	CER
76993	LECT-DISC	Z7	3-430	TU TH	136	E E B

RHET 102 FRESHMAN RHETORIC AND COMPOSITION.

PREREQUISITE: RHET. 101.

3 HOURS

77038	LECT-DISC	A1	8	M W F	221	G H
77045	LECT-DISC	A2	8	M W F	241	ARMORY
77052	LECT-DISC	B1	9	M W F	147	ARMORY
77060	LECT-DISC	B2	9	M W F	329	ARMORY
77077	LECT-DISC	C1	10	M W F	315	G H
77084	LECT-DISC	C2	10	M W F	316N	M H
77091	LECT-DISC	D1	11	M W F	221	G H
77102	LECT-DISC	D2	11	M W F	141	A H
77110	LECT-DISC	X1	12	M W F	303	E B
77127	LECT-DISC	X2	12	M W F	309	E B
77134	LECT-DISC	E1	1	M W F	147	ARMORY
77141	LECT-DISC	E2	1	M W F	241	ARMORY
77159	LECT-DISC	F1	2	M W F	147	ARMORY
77166	LECT-DISC	F2	2	M W F	221	G H
77173	LECT-DISC	G1	3	M W F	147	ARMORY
77181	LECT-DISC	G2	3	M W F	241	ARMORY
77198	LECT-DISC	H1	4	M W F	105	H H
77209	LECT-DISC	H2	4	M W F	312	N L
77216	LECT-DISC	J1	9-1030	TU TH	109	N L
77223	LECT-DISC	J2	9-1030	TU TH	64	M E B
77231	LECT-DISC	K1	1030-12	TU TH	109	N L
77248	LECT-DISC	K2	1030-12	TU TH	64	M E B
77255	LECT-DISC	Q1	12-130	TU TH	206	D K H
77262	LECT-DISC	U1	1-230	TU TH	238	M E B
77270	LECT-DISC	T1	330-5	TU TH	154	ADMIN
77287	LECT-DISC	T2	330-5	TU TH	206	D K H

RHET 103 WRITING LABORATORY.

PREREQUISITE: CONCURRENT REGISTRATION IN RHET. 101 OR 102 OR IN VERBAL COMMUNICATION.

*MAY BE REPEATED FOR A TOTAL OF 2 SEMESTER-HOURS OF CREDIT.

*1 HOUR

STUDENTS SHOULD CONTACT THE RHETORIC OFFICE FOR ASSIGNMENT TO A TUTOR.

77294 CONF

ARR

1208 W CAL

RHET 108 FRESHMAN RHETORIC FOR SUPERIOR STUDENTS.

PREREQUISITE: RHET. 101 OR EXEMPTION FROM RHET. 101, OR RHET. 107.

*CREDIT IS NOT GIVEN FOR RHET. 108 IN ADDITION TO RHET. 102.

*4 HOURS

77305	LECT-DISC	EA1	8	M W F	259	E B
77312	LECT-DISC	EA2	8	M W F	105	H H
77320	LECT-DISC	EB1	9	M W F	109	N L
77337	LECT-DISC	EB2	9	M W F	108	SURV BLDG
77344	LECT-DISC	EB3	9	M W F	241	ARMORY
77351	LECT-DISC	EC1	10	M W F	206	D K H
77369	LECT-DISC	EC2	10	M W F	241	ARMORY
77376	LECT-DISC	EC3	10	M W F	147	ARMORY
77383	LECT-DISC	ED1	11	M W F	206	D K H
77391	LECT-DISC	ED2	11	M W F	241	ARMORY
77401	LECT-DISC	EX1	12	M W F	108	SURV BLDG
77419	LECT-DISC	EX2	12	M W F	111	L H
77426	LECT-DISC	EX3	12	M W F	241	ARMORY
77433	LECT-DISC	EE1	1	M W F	206	D K H
77441	LECT-DISC	EE2	1	M W F	109	N L
77458	LECT-DISC	EE3	1	M W F	108	SURV BLDG
77465	LECT-DISC	EE4	1	M W F	325	D K H
77472	LECT-DISC	EF1	2	M W F	206	D K H
77480	LECT-DISC	EF2	2	M W F	109	N L
77497	LECT-DISC	EF3	2	M W F	108	SURV BLDG
77508	LECT-DISC	EF4	2	M W F	332	ARMORY
77515	LECT-DISC	EG1	3	M W F	109	N L
77522	LECT-DISC	EG2	3	M W F	282	BEV HALL
77530	LECT-DISC	EG3	3	M W F	206	D K H
77547	LECT-DISC	EG4	3	M W F	312	N L
77554	LECT-DISC	EH1	4	M W F	142	ADMIN
77561	LECT-DISC	EH2	4	M W F	282	BEV HALL
77579	LECT-DISC	EH3	4	M W F	206	D K H
77586	LECT-DISC	EH4	4	M W F	223	E B
77593	LECT-DISC	EJ1	9-1030	TU TH	142	ADMIN
77604	LECT-DISC	EJ2	9-1030	TU TH	252	ADMIN
77611	LECT-DISC	EJ3	9-1030	TU TH	282	BEV HALL
77629	LECT-DISC	EK1	1030-12	TU TH	142	ADMIN
77636	LECT-DISC	EK2	1030-12	TU TH	252	ADMIN
77643	LECT-DISC	EK3	1030-12	TU TH	206	D K H
77651	LECT-DISC	EL1	11-1230	TU TH	137	ADMIN
77668	LECT-DISC	EL2	11-1230	TU TH	205	E B
77675	LECT-DISC	EL3	11-1230	TU TH	209	E B
77682	LECT-DISC	EL4	12-130	TU TH	252	ADMIN
77690	LECT-DISC	EL5	12-130	TU TH	210A	E B
77701	LECT-DISC	EL6	1-230	TU TH	282	BEV HALL
77718	LECT-DISC	EL7	1-230	TU TH	109	N L
77725	LECT-DISC	EL8	1-230	TU TH	312	N L
77732	LECT-DISC	EL9	1-230	TU TH	108	SURV BLDG
77740	LECT-DISC	EL10	2-330	TU TH	206	D K H
77757	LECT-DISC	EL11	2-330	TU TH	154	ADMIN
77764	LECT-DISC	EL12	230-4	TU TH	282	BEV HALL
77771	LECT-DISC	EL13	230-4	TU TH	109	N L
77789	LECT-DISC	EL14	3-430	TU TH	312	N L
77796	LECT-DISC	EL15	3-430	TU TH	108	SURV BLDG

RHET 133 PRINCIPLES OF COMPOSITION.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

*CREDIT IS NOT GIVEN FOR RHET. 133 IN ADDITION TO RHET. 143.

*3 HOURS

77807	LECT-DISC	A	8	M W F	210A	E B
77814	LECT-DISC	B	9	M W F	194	L H
77821	LECT-DISC	C	1	M W F	210B	E B
77839	LECT-DISC	K	8	TU TH	194	L H
		K	9	TU	194	L H
77846	LECT-DISC	O	11	TU	223	E B
		O	12	TU TH	223	E B
77853	LECT-DISC	P	1	TU TH	223	E B
		P	2	TH	223	E B

RHET 143 INTERMEDIATE EXPOSITORY WRITING.
 PREREQUISITE: A GRADE OF A OR B IN RHET. 102 OR EQUIVALENT OR
 CONSENT OF INSTRUCTOR.
 *CREDIT IS NOT GIVEN FOR RHET. 143 IN ADDITION TO RHET. 133.
 *3 HOURS

77861	LECT-DISC	A	8	M W F	210B	E B
77878	LECT-DISC	X	12	M W F	194	L H
77885	LECT-DISC	F	2	M W F	210B	E B
77892	LECT-DISC	G	3	M W F	194	L H
77903	LECT-DISC	K	8	TU	210A	E B
		K	9	TU TH	210A	E B

RHET 144 NARRATIVE WRITING.
 PREREQUISITE: RHET. 102 OR EQUIVALENT, SOPHOMORE STANDING.
 3 HOURS

77911	LECT-DISC	B	9	M W F	210A	E B
77928	LECT-DISC	C	10	M W F	210A	E B
77935	LECT-DISC	D	11	M W F	210A	E B
77942	LECT-DISC	F	2	M W F	210A	E B
77950	LECT-DISC	P1	1	TU TH	152	ADMIN
		P1	2	TU	152	ADMIN
77967	LECT-DISC	P2	1	TU TH	307	E B
		P2	2	TU	307	E B
77974	LECT-DISC	R1	3	TU TH	194	L H
		R1	4	TU	194	L H
77981	LECT-DISC	R2	3	TU TH	259	E B
		R2	4	TU	259	E B

RHET 145 POETRY WRITING.
 PREREQUISITE: RHET. 102 OR CONSENT OF INSTRUCTOR.
 3 HOURS

77999	LECT-DISC	P1	1	TU TH	119	E B	LIEBERMAN
		P1	2	TU	119	E B	
78001	LECT-DISC	R1	3	TU TH	9	G H	VANWALLEGHE
		R1	4	TU	9	G H	

RHET 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 78019 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

RHET 202 COMMUNICATIONS WORKSHOP.
 3 HOURS
 78026 LECT-DISC F 2 M W F 194 L H DAVIS

RHET 205 ADVANCED NARRATIVE WRITING, I.
 PREREQUISITE: RHET. 144 OR EQUIVALENT.
 3 HOURS

78033	LECT-DISC	C	10	M W F	307	E B	SCOUFFOS
78041	LECT-DISC	X	12	M W F	210A	E B	FREMENT
78058	LECT-DISC	E	1	M W F	210A	E B	CURLEY

RHET 206 ADVANCED NARRATIVE WRITING, II.
 PREREQUISITE: RHET. 205.
 3 HOURS
 78065 LECT-DISC V 7-830PM TU TH 210A E B COSTELLO

RHET 227 ADVANCED EXPOSITORY WRITING.
 PREREQUISITE: RHET. 133 OR 143, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 78072 LECT-DISC L 9 TU TH 307 E B TILLMAN
 L 10 TU 307 E B

RHET 255 CREATIVE WRITING.
 STUDENTS MUST SEE THE INSTRUCTOR DURING THE FIRST WEEK OF CLASSES
 TO ARRANGE A CONFERENCE SCHEDULE.
 PREREQUISITE: A PREPARATORY COURSE IN ADVANCED WRITING (RHET. 205,
 206, 227 OR 330; OR SPCH. 263 OR 363); OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE FOUR HOURS.
 *2 HOURS
 INSTRUCTORS: CURLEY, FUMENTO, LIEBERMAN, TIBBETTS, TILLMAN.
 78080 CONF ARR STAFF
 78097 CONF Y ARR CURLEY

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 330 THE WRITING OF POETRY.
 PREREQUISITE: RHET. 145, JUNIOR STANDING, AND SIX HOURS OF ENGLISH LITERATURE, OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE SIX HOURS.
 *3 HOURS OR 3/4 UNIT

78108	LECT-DISC	R	3	TU TH	307	E B	LIEBERMAN
		R	4	TH	307	E B	
78115	CONF	Y	ARR				

ENGLISH AS A SECOND LANGUAGE

DEPARTMENT OFFICE

317 E B

NOTE: NO STUDENT, WITH THE EXCEPTION OF THOSE WHO RECEIVED A SCORE OF 90 OR ABOVE ON THE OVERSEAS TEST, IS PERMITTED TO REGISTER FOR ANY COURSE IN REMEDIAL RHETORIC (109, 110, AND 111) OR SERVICE RHETORIC (114, 115, 400, AND 401) IN ENGLISH AS A SECOND LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A SECOND LANGUAGE. AUDITORS ARE NOT PERMITTED. RHETORIC 114 AND 115 FULFILL GRADUATION REQUIREMENTS IN RHETORIC. STUDENTS MAY BE REQUIRED TO TAKE REMEDIAL COURSES BEFORE THEY ARE PERMITTED TO TAKE RHET. 114. ADVISERS SHOULD CONSULT THE UNDERGRADUATE STUDY BULLETIN UNDER THE SECTION ENTITLED "GENERAL REQUIREMENTS FOR GRADUATION (ENGLISH)" FOR THE DEFINITION OF A FOREIGN STUDENT.

COURSES FOR UNDERGRADUATES

RHET 109 ENGLISH AS A SECOND LANGUAGE.
 PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST.
 0 CREDIT

78122	LECT-DISC	A	8-10	M W F	307	E B
78130	LECT-DISC	E	1-3	M W F	248	M E B
78147	LECT-DISC	N	10-12	TU TH S	241	ARMORY

RHET 110 ENGLISH AS A SECOND LANGUAGE.
 PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
 0 CREDIT

*SECTION ARR IS A SPECIAL SECTION IN ADVANCED COMMUNICATION.

78154	LECT-DISC	A	8	M W F	119	E B
78161	LECT-DISC	B	9	M W F	156	M E B
78179	LECT-DISC	C	10	M W F	156	M E B
78186	LECT-DISC	D	11	M W F	307	E B
78193	LECT-DISC	F	2	M W F	241	ARMORY
78204	LECT-DISC	G	3	M W F	307	E B
78211	LECT-DISC	H	9	TU TH S	252	E E B
78229	LECT-DISC	*ARR	ARR			

RHET 111 ENGLISH AS A SECOND LANGUAGE.
 PREREQUISITE: RHET. 109, RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
 0 CREDIT

78236	LECT-DISC	A	8-10	M W F	252	E E B
78243	LECT-DISC	B	9-11	M W F	119	E B
78251	LECT-DISC	C	10-12	M W F	252	E E B
78268	LECT-DISC	C1	10-12	M W F	194	L H
78275	LECT-DISC	E	1-3	M W F	252	E E B
78282	LECT-DISC	E1	1-3	M W F	307	E B
78290	LECT-DISC	G	3-5	M W F	252	E E B
78301	LECT-DISC	N	10-12	TU TH S	252	E E B
78318	LECT-DISC	N1	10-12	TU TH S	259	E B
78325	LECT-DISC	N2	10-12	TU TH S	117	E B

RHET 114 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.
 PREREQUISITE: RHET. 111, RECOMMENDATION FROM OVERSEAS TEST OR
 ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
 *FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH
 FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.
 *0 OR 3 HOURS
 78332 LECT-DISC X 12 M W F 119 E B
 78340 LECT-DISC F 2 M W F 119 E B

RHET 115 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.
 PREREQUISITE: RHET. 114 AND/OR RECOMMENDATION FROM OVERSEAS TEST OR
 ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
 *FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH
 FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.
 *0 OR 3 HOURS
 78357 LECT-DISC E 1 M W F 119 E B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 379 AMERICAN LANGUAGE AND LITERATURE.
 THIS COURSE IS OPEN TO ANY FOREIGN STUDENT WHO HAS COMPLETED
 RHET. 109, 110, AND 111 OR WHO WAS NOT REQUIRED TO TAKE THOSE
 COURSES.
 0 CREDIT
 78364 LECT-DISC ARR

RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.
 SAME AS LING. 388.
 PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT
 OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT
 78371 LECT-DISC G 3 M W F 337 ARMORY

RHET 389 LINGUISTICS IN LANGUAGE LEARNING, II.
 SAME AS LING. 389.
 PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT
 78389 LECT-DISC D 11 M W F 119 E B

COURSES FOR GRADUATES

RHET 400 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR
 GRADUATE FOREIGN STUDENTS, I.
 PREREQUISITE: GRADUATE STANDING AND RHET. 111, OR CONSENT OF
 INSTRUCTOR.
 0 TO 4 HOURS (NO GRADUATE CREDIT)
 78396 LECT-DISC ARR
 78407 LECT-DISC L 8-10 TU 119 E B
 L 9 TH 119 E B

RHET 401 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR
 GRADUATE FOREIGN STUDENTS, II.
 PREREQUISITE: GRADUATE STANDING AND RHET. 400, OR CONSENT OF
 INSTRUCTOR.
 0 TO 4 HOURS (NO GRADUATE CREDIT)
 78414 LECT-DISC ARR

RHET 419 CONTRASTIVE ANALYSIS.
 SAME AS LING. 419.
 PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 78421 LECT-DISC ARR

BUSINESS AND TECHNICAL WRITING

DEPARTMENT OFFICE

313 D K H

COURSES FOR UNDERGRADUATES

RHET 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

78439 CONF

ARR

313 D K H

WEEKS

COURSES FOR ADVANCED UNDERGRADUATES

RHET 251 BUSINESS WRITING.

PREREQUISITE: RHET. 101 AND 102, OR EQUIVALENT.

3 HOURS

STUDENTS SHOULD ENROLL IN ONE LECTURE AND ONE DISCUSSION.

78446	LECT	I	9	TH	319	G H	GIESELMAN
78453	LECT	2	10	TU	319	G H	WEEKS
78461	LECT	3	12	M	114	D K H	WEEKS
78478	LECT	4	12	W	114	D K H	GIESELMAN
78485	DISC	A1	8	M W	326	D K H	INSTRUCTOR A
78492	DISC	A2	8	W F	306	D K H	HARRIS
78503	DISC	B1	9	M W	326	D K H	INSTRUCTOR A
78511	DISC	B2	9	W F	306	D K H	HARRIS
78528	DISC	C1	10	M W	306	D K H	GIESELMAN
78535	DISC	D1	11	W F	326	D K H	CHAPDU
78542	DISC	D2	11	W F	306	D K H	DOUGLAS
78550	DISC	E1	1	M F	326	D K H	CHAPDU
78567	DISC	E2	1	M F	306	D K H	INSTRUCTOR C
78574	DISC	F1	2	M W	306	D K H	INSTRUCTOR C
78581	DISC	F2	2	M W	326	D K H	INSTRUCTOR B
78599	DISC	L1	8	TU TH	326	D K H	HARRIS
78600	DISC	M1	9	TU TH	306	D K H	INSTRUCTOR A
78617	DISC	N1	10	THF	306	D K H	DOUGLAS
78624	DISC	P1	11	TU TH	306	D K H	WEEKS
78631	DISC	X1	12	W F	326	D K H	CHAPDU
78649	DISC	X2	12	M F	306	D K H	INSTRUCTOR B
78656	DISC	Q	12	TU TH	326	D K H	INSTRUCTOR B
78663	DISC	S	2	TU TH	326	D K H	INSTRUCTOR C

RHET 271 SALES WRITING.

SAME AS ADV. 288.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

78671	LECT-DISC	C	10	M W	326	D K H	MAGUIRE
78688	LECT-DISC	M	9	TU TH	326	D K H	MAGUIRE
78695	LECT-DISC	P	11	TU TH	326	D K H	MAGUIRE

RHET 272 REPORT WRITING.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

*STUDENTS CALL AT 313 D. K. H. DURING FIRST WEEK OF CLASSES TO

ARRANGE CONFERENCE SCHEDULE.

78706 CONF *Y ARR

GIESELMAN

RURAL SOCIOLOGY
DEPARTMENT OF AGRICULTURAL ECONOMICS.

COURSES FOR UNDERGRADUATES

R SOC 117 INTRODUCTION TO RURAL SOCIOLOGY.
 *NO CREDIT TO STUDENTS WITH CREDIT IN SOC. 100.
 *3 HOURS
78713 LECT-DISC C 10 M W F 316S M H FOLSE

R SOC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
78721 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

R SOC 270 POPULATION AND HUMAN ECOLOGY.
 SAME AS SOC. 270.
 PREREQUISITE: SOC. 100 OR 151, OR R. SOC. 117, JUNIOR STANDING.
 3 HOURS
 *SECTION A1 IS FOR AGRICULTURAL ECONOMICS MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2. SOCIOLOGY MAJORS SEE
 SOCIOLOGY 270.
78738 LECT-DISC *A1 2-330 TU TH 149 ADMIN
78745 LECT-DISC *A2 2-330 TU TH 149 ADMIN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

R SOC 343 SOCIAL CHANGE IN DEVELOPING AREAS.
 SAME AS SOC. 343.
 PREREQUISITE: SOC.100 OR 151 OR EQUIVALENT.
 3 HOURS, OR 1/2 OR 1 UNIT
78752 LECT-DISC A 330-5 TU TH 300 L H

COURSES FOR GRADUATES

R SOC 407 POPULATION STUDIES AND DEMOGRAPHIC ANALYSIS.
 SAME AS SOC. 407.
 PREREQUISITE: TWELVE HOURS OF SOCIAL SCIENCE AND INTRODUCTORY
 STATISTICS OR MAJOR IN SOCIOLOGY, OR CONSENT OF INSTRUCTOR.
 3/4 OR 1 UNIT
78760 LECT-DISC S 2-4 TH 316N M H FOLSE

R SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
 SAME AS SOC. 487.
 PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY,
 CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
78777 CONF ARR STAFF

RUSSIAN

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

MAJOR: TWENTY-FOUR HOURS OF COURSE WORK BEYOND RUSSIAN 115, AT LEAST NINE HOURS OF WHICH MUST BE IN COURSES AT THE 300-LEVEL. MAJORS ARE REQUIRED TO TAKE A MINIMUM OF THREE LITERATURE COURSES WHICH ARE TAUGHT IN RUSSIAN AND ONE SURVEY COURSE TAUGHT IN ENGLISH.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: ARABIC, EDUCATION, CHINESE, ENGLISH (EXCLUDING RHETORIC 101-102), FRENCH, GERMAN, GREEK, HINDI, HISTORY, ITALIAN, JAPANESE, LATIN, LIBRARY SCIENCE, LINGUISTICS, PHILOSOPHY, POLITICAL SCIENCE, PORTUGUESE, SPANISH, OR ANY MINOR SLAVIC LANGUAGE. THE FIRST SEMESTER OF COURSE WORK IN ANY FOREIGN LANGUAGE MAY NOT BE COUNTED TOWARD A MINOR IN THAT SUBJECT. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES COMPRISING COURSES OUTSIDE THE SLAVIC DEPARTMENT MAY BE ACCEPTED AS A SOLE MINOR.

COURSES FOR UNDERGRADUATES

RUSS 101 FIRST-YEAR RUSSIAN, I.

FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.

*NO CREDIT TOWARD GRADUATION IS GIVEN FOR RUSS. 101 WITHOUT RUSS. 102.

*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T26 EXCEPT SECTIONS C, X AND E IN WHICH LANGUAGE LABORATORY IS OPTIONAL.

EX IS AN HONORS SECTION.

78784	LECT-DISC	A	8	MTUWTH	9	G H	STAFF
78791	LECT-DISC	B	9	MTUWTH	305	G H	STAFF
78802	LECT-DISC	C	10	MTUWTHF	305	G H	STAFF
78810	LECT-DISC	D	11	MTUWTH	204	N L	STAFF
79061	LECT-DISC	EX	12	MTUWTHF	120	COM W	STAFF
78827	LECT-DISC	E	1	MTUWTHF	120	COM W	STAFF
78834	LECT-DISC	F	2	MTUWTH	305	G H	STAFF
78841	LAB	T 3	8-830	TU TH	210	L H	
78859	LAB	T 4	830-9	TU TH	210	L H	
78866	LAB	T 5	9-930	TU TH	210	L H	
78873	LAB	T 6	930-10	TU TH	210	L H	
78881	LAB	T 7	10-1030	TU TH	210	L H	
78898	LAB	T 8	1030-11	TU TH	210	L H	
78909	LAB	T 9	11-1130	TU TH	210	L H	
78916	LAB	T10	1130-12	TU TH	210	L H	
78923	LAB	T11	12-1230	TU TH	210	L H	
78931	LAB	T12	1230-1	TU TH	210	L H	
78948	LAB	T13	1-130	TU TH	210	L H	
78955	LAB	T14	130-2	TU TH	210	L H	
78962	LAB	T15	2-230	TU TH	210	L H	
78970	LAB	T16	230-3	TU TH	210	L H	
78987	LAB	T17	3-330	TU TH	210	L H	
78994	LAB	T18	330-4	TU TH	210	L H	
79007	LAB	T19	4-430	TU TH	210	L H	
79014	LAB	T20	430-5	TU TH	210	L H	
79021	LAB	T21	5-530	TU TH	210	L H	
79039	LAB	T22	530-6	TU TH	210	L H	
79046	LAB	T25	7-730PM	TU TH	210	L H	
79053	LAB	T26	730-8PM	TU TH	210	L H	

RUSS 102 FIRST-YEAR RUSSIAN, II.

PREREQUISITE: RUSS. 101.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T26 EXCEPT SECTION C IN WHICH LANGUAGE LABORATORY IS OPTIONAL.

79078	LECT-DISC	C	10	MTUWTHF	304	G H	STAFF
79085	LECT-DISC	E	1	MTUWTH	204	N L	STAFF
79092	LAB	T 3	8-830	TU TH	210	L H	
79103	LAB	T 4	830-9	TU TH	210	L H	
79111	LAB	T 5	9-930	TU TH	210	L H	
79128	LAB	T 6	930-10	TU TH	210	L H	

RUSS 102	CONTINUED						
79135	LAB	T 7	10-1030	TU TH	210	L H	
79142	LAB	T 8	1030-11	TU TH	210	L H	
79150	LAB	T 9	11-1130	TU TH	210	L H	
79167	LAB	T10	1130-12	TU TH	210	L H	
79174	LAB	T11	12-1230	TU TH	210	L H	
79181	LAB	T12	1230-1	TU TH	210	L H	
79199	LAB	T13	1-130	TU TH	210	L H	
79200	LAB	T14	130-2	TU TH	210	L H	
79217	LAB	T15	2-230	TU TH	210	L H	
79224	LAB	T16	230-3	TU TH	210	L H	
79231	LAB	T17	3-330	TU TH	210	L H	
79249	LAB	T18	330-4	TU TH	210	L H	
79256	LAB	T19	4-430	TU TH	210	L H	
79263	LAB	T20	430-5	TU TH	210	L H	
79271	LAB	T21	5-530	TU TH	210	L H	
79288	LAB	T22	530-6	TU TH	210	L H	
79295	LAB	T25	7-730PM	TU TH	210	L H	
79306	LAB	T26	730-8PM	TU TH	210	L H	

RUSS 103 SECOND-YEAR RUSSIAN, I.
 PREREQUISITE: RUSS. 102 OR EQUIVALENT.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS, T3-T26 EXCEPT SECTIONS C, D AND E IN WHICH
 LANGUAGE LABORATORY IS OPTIONAL.
 EC IS AN HONORS SECTION.

79313	LECT-DISC	B	9	MTUWTH	204	N L	STAFF
79570	LECT-DISC	*EC	10	MTUWTHF	126	L H	DAWSON
79321	LECT-DISC	D	11	MTUWTHF	120	COM W	STAFF
79338	LECT-DISC	E	1	MTUWTHF	9	G H	STAFF
79345	LECT-DISC	F	2	MTUWTH	300	N L	STAFF
79352	LAB	T 3	8-830	TU TH	210	L H	
79360	LAB	T 4	830-9	TU TH	210	L H	
79377	LAB	T 5	9-930	TU TH	210	L H	
79384	LAB	T 6	930-10	TU TH	210	L H	
79391	LAB	T 7	10-1030	TU TH	210	L H	
79402	LAB	T 8	1030-11	TU TH	210	L H	
79410	LAB	T 9	11-1130	TU TH	210	L H	
79427	LAB	T10	1130-12	TU TH	210	L H	
79434	LAB	T11	12-1230	TU TH	210	L H	
79441	LAB	T12	1230-1	TU TH	210	L H	
79459	LAB	T13	1-130	TU TH	210	L H	
79466	LAB	T14	130-2	TU TH	210	L H	
79473	LAB	T15	2-230	TU TH	210	L H	
79481	LAB	T16	230-3	TU TH	210	L H	
79498	LAB	T17	3-330	TU TH	210	L H	
79509	LAB	T18	330-4	TU TH	210	L H	
79516	LAB	T19	4-430	TU TH	210	L H	
79523	LAB	T20	430-5	TU TH	210	L H	
79531	LAB	T21	5-530	TU TH	210	L H	
79548	LAB	T22	530-6	TU TH	210	L H	
79555	LAB	T25	7-730PM	TU TH	210	L H	
79562	LAB	T26	730-8PM	TU TH	210	L H	

RUSS 104 SECOND-YEAR RUSSIAN, II.
 PREREQUISITE: RUSS. 103.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS, T3-T26 EXCEPT SECTION D IN WHICH LANGUAGE
 LABORATORY IS OPTIONAL.

79587	LECT-DISC	D	11	MTUWTHF	304	G H	STAFF
79594	LECT-DISC	F	2	MTUWTH	120	COM W	STAFF
79605	LAB	T 3	8-830	TU TH	210	L H	
79612	LAB	T 4	830-9	TU TH	210	L H	
79620	LAB	T 5	9-930	TU TH	210	L H	
79637	LAB	T 6	930-10	TU TH	210	L H	
79644	LAB	T 7	10-1030	TU TH	210	L H	
79651	LAB	T 8	1030-11	TU TH	210	L H	
79669	LAB	T 9	11-1130	TU TH	210	L H	
79676	LAB	T10	1130-12	TU TH	210	L H	
79683	LAB	T11	12-1230	TU TH	210	L H	
79691	LAB	T12	1230-1	TU TH	210	L H	
79701	LAB	T13	1-130	TU TH	210	L H	
79719	LAB	T14	130-2	TU TH	210	L H	
79726	LAB	T15	2-230	TU TH	210	L H	
79733	LAB	T16	230-3	TU TH	210	L H	
79741	LAB	T17	3-330	TU TH	210	L H	

RUSS 104	CONTINUED									
79758	LAB	T18	330-4	TU TH	210	L H				
79765	LAB	T19	4-430	TU TH	210	L H				
79772	LAB	T20	430-5	TU TH	210	L H				
79780	LAB	T21	5-530	TU TH	210	L H				
79797	LAB	T22	530-6	TU TH	210	L H				
79808	LAB	T25	7-730PM	TU TH	210	L H				
79815	LAB	T26	730-8PM	TU TH	210	L H				
RUSS 111	INTENSIVE FIRST-YEAR RUSSIAN.									
	FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.									
	8 HOURS									
	ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR TWO HOURS									
	OF WORK WEEKLY IN THE LANGUAGE LABORATORY.									
79822	LECT-DISC	BE	9	MTUWTHF	120	COM W			STAFF	
		BE	1	M W F	305	G H			STAFF	
RUSS 112	INTENSIVE SECOND-YEAR RUSSIAN.									
	PREREQUISITE: RUSS. 111 OR 102.									
	8 HOURS									
	ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR TWO HOURS									
	OF WORK WEEKLY IN THE LANGUAGE LABORATORY.									
79830	LECT-DISC	CF	10	MTUWTHF	120	COM W			STAFF	
		CF	2	M W F	9	G H			STAFF	
RUSS 115	RUSSIAN LITERATURE IN TRANSLATION, I.									
	3 HOURS									
79847	LECT-DISC	D	11	M W F	W109	T H			BROSTROM	
RUSS 121	BEGINNING READING COURSE, I.									
	NO PRIOR KNOWLEDGE OF RUSSIAN REQUIRED.									
	4 HOURS									
79854	LECT-DISC	A	8	MTUWTH	362	L H			STAFF	
79861	LECT-DISC	X	12	MTUWTH	305	G H			HILL	
RUSS 122	BEGINNING READING COURSE, II.									
	PREREQUISITE: RUSS. 121.									
	4 HOURS									
79879	LECT-DISC	H	4	MTUWTH	374	L H			STAFF	
RUSS 199	UNDERGRADUATE OPEN SEMINAR.									
	*MAY BE REPEATED.									
	*0 TO 9 HOURS									
79886	CONF		ARR							
COURSES FOR ADVANCED UNDERGRADUATES										
RUSS 211	ORAL RUSSIAN, I.									
	PREREQUISITE: RUSS. 103 AND 104 OR CONSENT OF INSTRUCTOR.									
	2 HOURS									
79893	LECT-DISC	D	11	M W	9	G H			M ZALUCKY	
79904	LECT-DISC	X	12	TU TH	9	G H			M ZALUCKY	
RUSS 212	ORAL RUSSIAN, II.									
	PREREQUISITE: RUSS. 211 OR CONSENT OF INSTRUCTOR.									
	2 HOURS									
79911	LECT-DISC	C	10	TU TH	392	L H			M ZALUCKY	
RUSS 213	RUSSIAN COMPOSITION, I.									
	PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.									
	2 HOURS									
79929	LECT-DISC	F	2	M W	204	N L			H ZALUCKY	
RUSS 214	RUSSIAN COMPOSITION, II.									
	PREREQUISITE: RUSS. 213 OR CONSENT OF INSTRUCTOR.									
	2 HOURS									
79936	LECT-DISC	D	11	TU TH	392	L H			H ZALUCKY	
RUSS 215	INTRODUCTION TO RUSSIAN LITERATURE, I.									
	PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.									
	3 HOURS									
79943	LECT-DISC	B	9	M W F	392	L H			MAJHANOVICH	
79951	LECT-DISC	C	10	M W F	392	L H			BROSTROM	

RUSS 217 INTRODUCTION TO CONTEMPORARY RUSSIAN LITERATURE.
 PREREQUISITE: RUSS. 212 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 79968 LECT-DISC E 1 M W F 261 L H MILLAR

RUSS 280 TEACHERS COURSE.
 PREREQUISITE: THREE YEARS OF COLLEGE RUSSIAN OR EQUIVALENT.
 2 HOURS
 DOES NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 79975 LECT-DISC D 11 TU THF 9 G H KLEIN

RUSS 291 SENIOR THESIS AND HONORS.
 2 HOURS
 79982 CONF ARR

RUSS 292 SENIOR THESIS AND HONORS.
 2 HOURS
 79990 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RUSS 303 ADVANCED READING AND CONVERSATION, I.
 PREREQUISITE: THREE YEARS OF COLLEGE-LEVEL RUSSIAN.
 2 HOURS OR 1/2 UNIT
 80006 LECT-DISC B 9 TU TH 392 L H M ZALUCKY

RUSS 304 ADVANCED READING AND CONVERSATION, II.
 PREREQUISITE: RUSS. 303 OR EQUIVALENT.
 2 HOURS OR 1/2 UNIT
 80013 LECT-DISC C 10 M W 9 G H M ZALUCKY

RUSS 307 STRUCTURE OF RUSSIAN.
 PREREQUISITE: RUSS. 212 AND 214.
 3 HOURS OR 3/4 UNIT
 80021 LECT-DISC C 10 M W F 261 L H KLEIN

RUSS 313 ADVANCED COMPOSITION AND USAGE, I.
 PREREQUISITE: THREE YEARS OF COLLEGE RUSSIAN, INCLUDING RUSS. 213
 AND 214, OR CONSENT OF DEPARTMENT.
 3 HOURS OR 3/4 UNIT
 80038 LECT-DISC B 9 M W F 9 G H H ZALUCKY

RUSS 321 RUSSIAN LITERATURE FROM 1810 TO 1845.
 PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 80045 LECT-DISC D 11 M W F 261 L H CURRAN

RUSS 323 RUSSIAN LITERATURE FROM 1845 TO 1880.
 PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 80052 LECT-DISC F 2 M W F 261 L H MILLAR

RUSS 326 MASTERPIECES OF RUSSIAN LITERATURE.
 PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 80060 LECT-DISC E 1 M W F 392 L H CURRAN

RUSS 335 RUSSIAN DRAMA.
 PREREQUISITE: RUSS. 216 OR EQUIVALENT.
 3 HOURS OR 1 UNIT
 80077 LECT-DISC GH 340-455 TU TH 261 L H CURRAN

RUSS 337 RUSSIAN POETRY.
 PREREQUISITE: RUSS. 216 OR EQUIVALENT.
 3 HOURS OR 1 UNIT
 80084 LECT-DISC GH 3-415 M W 261 L H BRISTOL

COURSES FOR GRADUATES

RUSS	400	BEGINNING RUSSIAN FOR GRADUATE STUDENTS.						
		4 HOURS						
	80091	LECT-DISC A	8	MTUWTH	392	L H		STAFF
	80102	LECT-DISC X	12	MTUWTH	304	G H		HILL
RUSS	401	READINGS IN RUSSIAN FOR GRADUATE STUDENTS.						
		PREREQUISITE: RUSS. 400 OR EQUIVALENT.						
		4 HOURS						
	80110	LECT-DISC H	4	MTUWTH	374	L H		STAFF
RUSS	407	RUSSIAN SYNTAX.						
		PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.						
		1 UNIT						
	80127	LECT-DISC B	9	M W F	261	L H		GLADNEY
RUSS	410	OLD RUSSIAN LITERATURE.						
		PREREQUISITE: SLAV. 405.						
		1 UNIT						
	80134	LECT-DISC BC	920-1035	TU TH	94	COM W		GLADNEY
RUSS	414	PUSHKIN.						
		PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.						
		1 UNIT						
	80141	LECT-DISC FG	220-335	TU TH	261	L H		BRISTOL
RUSS	420	CHEKHOV.						
		PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.						
		1 UNIT						
	80159	LECT-DISC CD	1040-1155	TU TH	261	L H		PACHMUSS
RUSS	422	RUSSIAN LITERATURE IN EXILE.						
		PREREQUISITE: GRADUATE STANDING.						
		1 UNIT						
	80166	LECT-DISC EF	1-215	TU TH	261	L H		PACHMUSS

RUSSIAN AND EAST EUROPEAN CENTER

DEPARTMENT OFFICE

1207 W OREGON

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

MAJOR: STUDENTS WHO ELECT RUSSIAN LANGUAGE AND AREA STUDIES AS A MAJOR MUST:

1-COMplete THE PRESCRIBED AND GENERAL EDUCATION SEQUENCES REQUIRED IN THE SCIENCES AND LETTERS CURRICULUM.

2-COMplete AT LEAST TWENTY SEMESTER HOURS OF RUSSIAN LANGUAGE COURSES, IN ADDITION TO RUSS. 101-102, OR DEMONSTRATE EQUIVALENT PROFICIENCY.

3-COMplete A MAJOR CONSISTING OF AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST FOUR DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE PROGRAM OF RUSSIAN LANGUAGE AND AREA STUDIES MAY NOT COUNT AS PART OF THIS TWENTY HOURS.

ANTH. 381, 382	POL. S. 335, 383
ECON. 357	RUSS. 115, 116, 199, 217, 317,
GEOG. 353	321, 322, 323, 324, 325,
HIST. 219, 320, 321, 325,	332, 333, 335
326, 327, 328	SOC. 350
	UKR. 396, 398

4-COMplete A MINOR OF TWENTY HOURS, EXCLUDING COURSES OPEN TO FRESHMEN, IN ONE OR TWO DEPARTMENTS. IF TWO ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH. COURSES IN THE RUSSIAN LANGUAGE MAY, WITH THE APPROVAL OF THE CENTER DIRECTOR, CONSTITUTE ALL OR PART OF THIS MINOR.

RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR: A MINOR IN RUSSIAN LANGUAGE AND AREA STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. IT ALSO REQUIRES A KNOWLEDGE OF RUSSIAN EQUIVALENT AT LEAST TO THAT NORMALLY ATTAINED AFTER RUSS. 101-102.

ANTH. 381, 382	POL. S. 335, 383
ECON. 357	115, 116, 199, 217, 317,
GEOG. 353	321, 322, 323, 324, 325,
HIST. 219, 320, 321, 325,	332, 333, 335,
326, 327, 328	SOC. 350
	UKR. 396, 398

GRADUATE MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES

MINOR FOR THE MASTERS DEGREE: A CANDIDATE FOR THE MASTERS DEGREE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN BELOW. THE COURSES CHOSEN MUST BE IN AT LEAST TWO DEPARTMENTS.

ANTH. 381, 382	RUSS 317, 321, 322, 323,
ECON. 357, 457	324, 325, 332, 333,
GEOG. 353, 495	335, 406, 407, 408,
HIST. 320, 321, 325, 326,	410, 412, 414, 416,
327, 328, 427	417, 421, 423, 424
LAW 369, 371	SLAV. 405
LIB. S. 433	SOC. 350, 450
POL. S. 335, 383, 435, 440	UKR. 396, 398

MINOR FOR THE PH.D. DEGREE: A DOCTORAL CANDIDATE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST DEMONSTRATE A READING COMMAND OF RUSSIAN AS TESTED BY EXAMINATION OR BY COMPLETION OF RUSSIAN 104 OR 401 WITH A GRADE OF A OR B, AND IN ADDITION MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN JUST ABOVE. THE FOUR UNITS MUST BE DISTRIBUTED AMONG AT LEAST TWO DEPARTMENTS OUTSIDE OF, AND MAY AT THE SAME TIME INCLUDE UP TO ONE UNIT FROM WITHIN, THE DEPARTMENT OFFERING THE CANDIDATE'S MAJOR.

CERTIFICATE OF GRADUATE SPECIALIZATION IN RUSSIAN LANGUAGE AND AREA STUDIES

THIS CERTIFICATE IS AWARDED BY THE GRADUATE COLLEGE AND THE CENTER FOR RUSSIAN LANGUAGE AND AREA STUDIES. IT IS FOR PERSONS WITH THE BACCALAUREATE WHO ARE ENROLLED IN ADVANCED STUDIES IN ANY DISCIPLINE AND WHO WISH AT THE SAME TIME TO GAIN A KNOWLEDGE OF THE RUSSIAN AREA AND LANGUAGE. THE REQUIREMENTS ARE: (1) A GOOD COMMAND OF WRITTEN AND SPOKEN RUSSIAN, AS DETERMINED BY SPECIAL EXAMINATIONS. (2) AT LEAST SIX GRADUATE UNITS RELATING TO RUSSIA, DISTRIBUTED AMONG AT LEAST THREE OF THE DEPARTMENTS REPRESENTED IN THE PROGRAM (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, LAW, LIBRARY SCIENCE, POLITICAL SCIENCE, RUSSIAN AND SOCIOLOGY). IN ADDITION TO THE STUDENT'S OWN MAJOR DEPARTMENT. FOR COURSES, SEE ABOVE. IF THE STUDENT'S MAJOR DEPARTMENT IS ONE OF THESE NINE HE MAY COUNT, AS PART OF HIS SIX UNITS, UP TO ONE UNIT FROM WITHIN HIS MAJOR DEPARTMENT. (3) A SPECIAL ESSAY BASED LARGELY ON RUSSIAN SOURCES AND TO BE, AT THE MINIMUM, OF THE STANDARD NORMALLY REQUIRED IN A MASTERS THESIS. THE STUDENT MAY SUBMIT, IN FULFILLMENT OF THIS REQUIREMENT, A COPY OF HIS MASTERS THESIS OR DOCTORAL DISSERTATION.

THE ADVISER FOR THE GRADUATE MINORS AND THE CERTIFICATE IS PROFESSOR RALPH T. FISHER JR., DIRECTOR OF RUSSIAN AND EAST EUROPEAN CENTER, 1207 WEST OREGON.

STUDENTS IN OTHER COLLEGES

STUDENTS IN OTHER COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO DESIRE A KNOWLEDGE OF THE RUSSIAN AREA ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR OF RUSSIAN AND EAST EUROPEAN CENTER IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH PROGRAMS MAY IN SOME CASES BE ADOPTED AS A SPECIAL MINOR.

BELOW ARE LISTED COURSES APPROVED FOR THE RUSSIAN LANGUAGE AND AREA STUDIES PROGRAMS. FOR FULL COURSE DESCRIPTIONS OF THOSE BEING OFFERED THIS SEMESTER, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTH	381, 382	RUSS	115, 116, 199, 217,
ECON	357, 457		317, 321, 322, 323,
GEOG	353, 381, 382, 495,		324, 325, 332, 333,
HIST	219, 320, 321, 325,		335, 406, 407, 408,
	326, 327, 328, 427		410, 412, 414, 416,
LAW	369, 371		417, 421, 423, 424
LIB S	433	SLAV	405
POL S	335, 383, 435, 440	SOC	350, 450
		UKR	396, 398

SAFETY EDUCATION

DEPARTMENT OFFICE

114 HUFF GYM

COURSES FOR ADVANCED UNDERGRADUATES

S ED 280 SAFETY EDUCATION.

3 HOURS

*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G.

80173	LECT-DISC B	*9	M	W	F	207	H	G	FLORIO
80181	LECT-DISC E	*1	M	W	F	207	H	G	HUFFMAN

S ED 284 DRIVER EDUCATION.

PREREQUISITE: DRIVERS LICENSE, JUNIOR STANDING.

3 HOURS

*TWO ADDITIONAL HOURS PER WEEK TO BE ARRANGED IN 400 H. G.

80198	LECT-DISC L	*8	TU	TH	207	H	G	FLORIO
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S ED 289 SAFETY EDUCATION FIELD WORK.

PREREQUISITE: SENIOR STANDING IN PUBLIC SAFETY EDUCATION.

0 CREDIT

80209	LAB-DISC	ARR							FLORIO
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S ED 294 ADVANCED TRAFFIC SAFETY EDUCATION.

PREREQUISITE: S. ED. 284.

3 HOURS

FIELD TRIP AND TWO HOURS LAB PER WEEK TO BE ARRANGED IN 400 H. G.

80216	LECT-DISC M	*9	TU	TH	207	H	G	FLORIO
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SCANDINAVIAN

GERMANIC LANGUAGES AND LITERATURES.
DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

SCAN 101	ELEMENTARY SCANDINAVIAN, I.					
	4 HOURS					
	*TOPIC: NORWEGIAN.					
80223	LECT-DISC *B	9	MTUWTH	388	L H	HENDERSON
80231	LECT-DISC *X	12	MTUWTH	270	L H	HENDERSON
SCAN 103	INTERMEDIATE SCANDINAVIAN, I.					
	PREREQUISITE: SCAN. 102 OR EQUIVALENT.					
	4 HOURS					
	*TOPIC: DANISH.					
80248	LECT-DISC *B	9	MTUWTH	186	L H	MITCHELL

COURSES FOR ADVANCED UNDERGRADUATES

SCAN 216	CONVERSATION AND WRITING.					
	PREREQUISITE: SCAN. 104.					
	2 HOURS					
80255	LECT-DISC H	4	MTUW	270	L H	
SCAN 297	SENIOR THESIS AND HONORS COURSE.					
	PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.					
	1 TO 2 HOURS					
80262	CONF	ARR				

SECONDARY AND CONTINUING EDUCATION

DEPARTMENT OFFICE EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

SE ED 101	INTRODUCTION TO THE TEACHING OF SECONDARY SCHOOL SUBJECTS.					
	2 HOURS					
	*SECTION E: SCIENCE		*SECTION P2: ENGLISH			
	SECTION L: MATH		SECTION P3: MATH			
	*SECTION M1: ENGLISH		SECTION P4: SOCIAL STUDIES			
	*SECTION M2: FOREIGN LANGUAGE		*SECTION P5: DANCE			
	SECTION M3: SPEECH		*SECTION R1: SCIENCE			
	*SECTION N1: FOREIGN LANGUAGE		*SECTION R2: ENGLISH			
	*SECTION N2: MUSIC		*SECTION R3: MUSIC			
	*SECTION N3: SPEECH CORRECTION		SECTION R4: SOCIAL STUDIES			
	*SECTION P1: FOREIGN LANGUAGE		SECTION T: SOCIAL STUDIES			
	SECTIONS E AND R1 REQUIRE SOPHOMORE STANDING OR ABOVE AND TWO					
	ADDITIONAL HOURS OF LAB A WEEK TO BE ARRANGED.					
	SECTIONS M1, P2, AND R2 REQUIRE JUNIOR STANDING OR ABOVE AND					
	ADDITIONAL HOURS FOR LABORATORY TO BE ARRANGED.					
	REGISTRATION IN M1, R2, AND R4 ALSO REQUIRES REGISTRATION IN					
	SECTIONS N2, S1, AND S2 OF SECONDARY EDUCATION 240 RESPECTIVELY.					
80294	LECT-DISC *E	1-3	F	4G EDUC		WELLER
80401	LECT-DISC L	8	TU TH	162 EDUC		TRAVERS
80312	LECT-DISC *M1	9	TU TH	162 EDUC		MADSEN
80344	LECT-DISC *M2	9	TU TH	192 EDUC		DAIGH
80441	LECT-DISC M3	9	TU TH	108 L H		BURNS
80351	LECT-DISC *N1	10	TU TH	192 EDUC		KAULFERS
80376	LECT-DISC *N2	10	TU TH	166 EDUC		
80391	LECT-DISC *N3	10	TU TH	106 SP CLINIC		JOHNSON
80369	LECT-DISC *P1	11	TU TH	192 EDUC		KAULFERS
80320	LECT-DISC *P2	11	TU TH	162 EDUC		FILLION
80419	LECT-DISC P3	11	TU TH	166 EDUC		TRAVERS
80426	LECT-DISC P4	11	TU TH	153 ARMORY		PAYETTE
80270	LECT-DISC P5	11	TU TH	B ENSEMBLE KRAN		SIMONDS
80305	LECT-DISC *R1	1-3	TH	4H EDUC		GOULD
80337	LECT-DISC *R2	1	TU TH	125 D K H		WALKER
80383	LECT-DISC *R3	1	TU TH	15 D K H		
80287	LECT-DISC R4	1	TU TH	317A D K H		METCALF
80433	LECT-DISC T	3	TU TH	150 ARMORY		

SE ED 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

*SECTION B IS ON "THE CONTEMPORARY UNIVERSITY."

80458 CONF ARR

80465 LECT-DISC #8 ARR

LEVY

COURSES FOR ADVANCED UNDERGRADUATES

SE ED 240 PRINCIPLES OF SECONDARY EDUCATION.

PREREQUISITE: SE. ED. 101 AND PSYCH. 100.

2 HOURS

*SECTIONS X1, X2, AND X3 ARE PRIMARILY FOR STUDENTS REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL NOT MEET DURING THE SIX WEEK STUDENT TEACHING PERIOD.

*SECTION &N1 IS RESERVED FOR JAMES SCHOLARS, STUDENTS

WHO HAVE RECEIVED UNIVERSITY HONORS, COLLEGE HONORS, OR CLASS HONORS, OR STUDENTS WHO HAVE RECEIVED CONSENT OF INSTRUCTOR.

*REGISTRATION IN SECTIONS N2, S1, AND S2 ALSO REQUIRES REGISTRATION IN SECTIONS M1, R2, AND R4 OF SECONDARY EDUCATION 101 RESPECTIVELY.

SECTION X4 RESERVED FOR SCIENCE STUDENT TEACHERS ENROLLED

IN SECTIONS F1 AND F2 OF SECONDARY EDUCATION 241.

80472	LECT-DISC M1	9	TU TH	166	EDUC	FILLION
80480	LECT-DISC M2	9	TU TH	1	EDUC	BROWN
80547	LECT-DISC *&N1	10	TU TH	1	EDUC	HENDERSON
80554	LECT-DISC *N2	10	TU TH	162	EDUC	MADSEN
80497	LECT-DISC P	11	TU TH	1	EDUC	BROWN
80508	LECT-DISC R	1	TU TH	328	D K H	GOULD
80561	LECT-DISC *S1	2	TU TH	125	D K H	WALKER
80579	LECT-DISC *S2	2	TU TH	317A	D K H	METCALF
80515	LECT-DISC *X1	1	M W F	2	EDUC	KAULFERS
80522	LECT-DISC *X2	12	M W F	192	EDUC	WELLER
80530	LECT-DISC *X3	1	M W F	21	D K H	HAWKINS
80586	LECT-DISC X4	8	TU TH	4G	EDUC	

SE ED 241 TECHNIC OF TEACHING IN THE SECONDARY SCHOOL.

PREREQUISITE: HP. ED. 201 AND SE. ED. 240 AND CONCURRENT REGISTRATION IN ED. PR. 242, CONSENT OF INSTRUCTOR.

3 TO 5 HOURS

REGISTRATION IN BOTH SE. ED. 241 AND ED. PR. 242 MUST BE APPROVED AT THE REGISTRATION PERIOD BY THE PERSON LISTED AS THE INSTRUCTOR FOR SE. ED. 241. SEE EDUCATIONAL PRACTICE.

*ADDITIONAL DAILY MORNING HOURS TO BE ARRANGED.

*SECTION F1 IS FOR BIOLOGY MAJORS ONLY.

*SECTION F2 IS PRIMARILY FOR PHYSICAL SCIENCE MAJORS. BIOLOGY MAJORS MAY ENROLL WITH PERMISSION.

80593	LECT-DISC A	9	MTUWTHF	389	EDUC	KNAPP
	PHYSICAL EDUCATION MEN (3 HOURS)					
80604	LECT-DISC D	10-12	MTUWTHF	36	COM W	MANCUSO
	PHYSICAL EDUCATION WOMEN (3 HOURS)					
80821	LECT-DISC *F1	8-10	M W F	4G	EDUC	BROWN
	SCIENCE (4 HOURS)					
80839	LECT-DISC *F2	3	MTUWTHF	208	U H S	GOULD
	SCIENCE (4 HOURS)					
80611	LECT-DISC J1	9-11	M W F	28	EDUC	PAYETTE
	J1	9	TU TH	28	EDUC	
	SOCIAL STUDIES (4 HOURS)					
80636	LECT-DISC J2	10-12	M W F	33	EDUC	COX
	J2	10	TU TH	33	EDUC	
	SOCIAL STUDIES (4 HOURS)					
80643	LECT-DISC J3	10-12	M W F	389	EDUC	JOHNSON
	J3	10	TU TH	389	EDUC	
	SOCIAL STUDIES (4 HOURS)					
80651	LECT-DISC K	ARR				HARDIMAN
	ART (3-4 HOURS)					
80668	LECT-DISC L1	10-12	M W F	25	EDUC	WALKER
	L1	10	TU TH	6	COM W	
	ENGLISH (5 HOURS)					

SE ED 241	CONTINUED									
80675	LECT-DISC	L2	10-12	M W F	442	M H	FILLION			
		L2	10	TU TH	442	M H				
	ENGLISH (5 HOURS)									
80682	LECT-DISC	L3	10-12	M W F	2A	EDUC				
		L3	10	TU TH	2A	EDUC				
	ENGLISH (5 HOURS)									
80690	LECT-DISC	L4	10-12	M W F	15	D K H				
		L4	10	TU TH	326	D K H				
	ENGLISH (5 HOURS)									
80701	LECT-DISC	L5	10-12	M W F	19	D K H				
		L5	10	TU TH	19	D K H				
	ENGLISH (5 HOURS)									
80718	LECT-DISC	L6	8-10	M W F	442	M H				
		L6	8	TU TH	442	M H				
	ENGLISH (5 HOURS)									
80725	LECT-DISC	N1	8	MTWTHF	192	EDUC	KETTELKAMP			
	FOREIGN LANGUAGE (4 HOURS)									
80732	LECT-DISC	N2	8	MTWTHF	25	EDUC	DAIGH			
	FOREIGN LANGUAGE (4 HOURS)									
80740	LECT-DISC	N3	2	MTWTHF	28	EDUC	HAWKINS			
	FOREIGN LANGUAGE (4 HOURS)									
80757	LECT-DISC	R	10	MTWTHF	22	EDUC	MATHER			
	HOME ECONOMICS (3 HOURS)									
80764	LECT-DISC	S	1	MTWTHF	25	EDUC	TINKHAM			
	INDUSTRIAL EDUCATION (3 HOURS)									
80771	LECT-DISC	T	8-10	M W F	1	EDUC	HENDERSON			
		T	8	TU TH	1	EDUC				
	MATHEMATICS (3-4 HOURS)									
80789	LECT-DISC	V1	9	MTWTHF	33	EDUC				
	MUSIC (3-4 HOURS)									
80796	LECT-DISC	V2	9	MTWTHF	382	EDUC				
	MUSIC (3-4 HOURS)									
80807		W	10-12	TUWTHF	8	D K H	MAHAFFEY			
80814	LECT-DISC	Y	ARR				THOMASSEN			
	LIBRARY SCIENCE (3-4 HOURS)									

SE ED 249 INDEPENDENT STUDY.
 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
 POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
 THE WORK.
 2 OR 3 HOURS
 80846 CONF & ARR

SE ED 291 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 80853 CONF & ARR

SE ED 292 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 80861 CONF & ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SE ED 338 TEACHING OF READING IN GRADES FOUR THROUGH TWELVE.
 SAME AS EL. ED. 338.
 PREREQUISITE: JUNIOR STANDING AND EL. ED. 336 OR EDPSY. 211.
 3 HOURS, OR 1/2 OR 1 UNIT
 WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 80878 LECT-DISC 2 M W F 442 M H ERICKSON

COURSES FOR GRADUATES

SE ED 441 LINGUISTIC AND LOGICAL ANALYSIS OF TEACHING.

1 UNIT

80885 LECT-DISC 7-9PM W 1 EDUC

HENDERSON

SE ED 449 INDEPENDENT STUDY.

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.

*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.

*1/2 OR 1 UNIT

80892 CONF ARR

SE ED 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF SECONDARY EDUCATION.

1 UNIT

*SECTION B IS FOR LATIN, SECTION E IS FOR SOCIAL STUDIES

AND SECTION I IS FOR ART.

80903 LECT-DISC *B 9 MTW 394 L H

SCANLAN

80911 LECT-DISC *E 630-830PM M 40 COM W

METCALF

80928 LECT-DISC *I 7-9PM W 133 F A B

HARDIMAN

SE ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.

1/2 TO 2 UNITS

*SECTION A IS FOR HIGHER EDUCATION. 1 UNIT.

80935 LECT-DISC A 7-9PM TU 107 STU SV

PIERCE

SE ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.

OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN SECONDARY AND CONTINUING EDUCATION.

*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.

*0 TO 1 UNIT

*SECTION A IS FOR ENGLISH, SECTION B IS FOR FOREIGN LANGUAGE, SECTION C IS FOR MATHEMATICS, SECTION D IS FOR SCIENCE, SECTION E IS FOR SOCIAL STUDIES, AND SECTION H IS FOR HIGHER EDUCATION--SELECTED TOPICS IN HIGHER EDUCATION. SECTION F IS FOR MUSIC.

80942 LECT-DISC *A 4-6 W 382 EDUC

MADSEN

80950 CONF *B ARR

KAULFERS

80967 LECT-DISC *C 3-5 TH 389 EDUC

PINGRY

80974 LECT-DISC *D 4-6 W 389 EDUC

BURNETT EASLEY

80999 LECT-DISC E 4-6 W 25 EDUC

AND WELLER

81001 CONF F ARR

COX JOHNSON

80981 LECT-DISC H ARR

METCALF AND

PAYETTE

LEONHARD

FLEY

SE ED 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

81019 CONF ARR

SE ED 499 THESIS RESEARCH.

0 TO 4 UNITS

81026 CONF ARR

SERBO-CROATIAN

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

COURSES FOR ADVANCED UNDERGRADUATES

S CR 201 FIRST-YEAR SERBO-CROATIAN.
STUDENTS MUST REGISTER FOR 1 HOUR OF WORK WEEKLY IN LANGUAGE LAB.
PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.
*CREDIT TOWARD GRADUATION NOT GIVEN FOR S. CR. 201 WITHOUT
S. CR. 202.
*4 HOURS
81033 LECT-DISC X 12 MTUWTH 392 L H STAFF

SLAVIC

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

COURSES FOR UNDERGRADUATES

SLAV 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
81041 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SLAV 380 INTRODUCTION TO SLAVIC LINGUISTICS.
SAME AS LING. 380.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
81058 LECT-DISC EF 1-215 TU TH 392 L H DUNATOV

COURSES FOR GRADUATES

SLAV 418 ORAL POETRY AND SLAVIC POETICS.
1 UNIT
81065 LECT-DISC F 2 M W F 392 L H

SLAV 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN RUSSIAN.
1/4 TO 2 UNITS
*SECTION A TOPIC: RUSSIAN LITERATURE.
*SECTION B TOPIC: SLAVIC LINGUISTICS.
*SECTION C TOPIC: POLISH LITERATURE.
*SECTION D TOPIC: RUSSIAN CULTURE.
*SECTION E TOPIC: RUSSIAN AUTOBIOGRAPHICAL LITERATURE.
81072 LECT-DISC *A ARR
81080 LECT-DISC *B ARR
81097 LECT-DISC *C 8-915 TU TH 261 L H
81108 LECT-DISC *D ARR
81115 LECT-DISC *E 920-1035 TU TH 261 L H

SLAV 499 THESIS RESEARCH.
0 TO 4 UNITS
81122 CONF ARR

SOCIAL SCIENCES

THE DIVISION OF SOCIAL SCIENCES SPONSORS THE FOLLOWING PROGRAMS: (1) AN UNDERGRADUATE MINOR IN LATIN AMERICAN STUDIES; (2) A GRADUATE MINOR IN LATIN AMERICAN STUDIES; (3) AN UNDERGRADUATE MAJOR AND MINOR IN RUSSIAN AREA STUDIES; (4) A GRADUATE MINOR IN RUSSIAN AREA STUDIES; (5) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE SOCIAL SCIENCES; (6) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE TEACHING OF SOCIAL STUDIES; (7) A GRADUATE MAJOR AND MINOR AND UNDERGRADUATE MINOR IN LINGUISTICS; (8) AN UNDERGRADUATE MINOR IN ASIAN STUDIES; (9) A GRADUATE MINOR IN ASIAN STUDIES.

THE DIVISION OF SOCIAL SCIENCES CALLS TO THE ATTENTION OF STUDENTS THE OFFERINGS IN THE GENERAL FIELD OF INTERNATIONAL AFFAIRS AND OF NON-WESTERN AREAS FOUND AT THE UNIVERSITY OF ILLINOIS. THE DIVISION RECOMMENDS THAT THE STUDENT INTERESTED IN INTERNATIONAL AFFAIRS AND NON-WESTERN AREAS CONSULT WITH THE ADVISOR IN HIS MAJOR DEPARTMENT OR WITH THE CENTERS FOR ASIAN, LATIN AMERICAN, AND RUSSIAN LANGUAGE AND AREA STUDIES CONCERNING THE POSSIBILITY OF TAKING COURSES IN THESE SUBJECTS, EITHER AS PART OF A MINOR OR SPLIT MINOR, OR AS ELECTIVES.

ENTRANCE EXAMINATIONS FOR THE FOREIGN SERVICE OF THE UNITED STATES. STUDENTS INTERESTED IN PREPARING FOR THESE EXAMINATIONS ARE URGED TO CONSULT WITH THE GOVERNMENT PLACEMENT CONSULTANT OF THE UNIVERSITY PLACEMENT SYSTEM, WHO MAY BE SEEN AT THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS, 1201 WEST NEVADA STREET.

COURSES FOR UNDERGRADUATES

SOC S 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

81130	CONF	ARR	STAFF
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SOCIAL WORK

DEPARTMENT OFFICE

1207 W OREGON

UNDERGRADUATE MAJOR: THE COOPERATIVE INTERDEPARTMENTAL MAJOR AND MINOR IN SOCIAL WELFARE INCLUDES COMPLETION OF A COURSE IN STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY, AT LEAST TWELVE HOURS OF COURSES IN SOCIAL WORK, AND TWENTY-EIGHT HOURS OF SELECTED COURSE WORK FROM THE FOLLOWING DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

MINORS: COURSES IN SOCIAL WORK MAY BE COUNTED TOWARD AN UNDERGRADUATE MINOR IN THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

COURSES FOR ADVANCED UNDERGRADUATES

SOC W 225 INTRODUCTION TO SOCIAL WELFARE, I.

PREREQUISITE: SOC. 100 OR 151; AND PSYCH. 100 OR 103; OR D. G. S. 171.

3 HOURS

81147	LECT-DISC	A	8	M W F	215	G H	STAFF
81154	LECT-DISC	B	9	M W F	153	A S L	STAFF
81161	LECT-DISC	C	2	M W F	302	L H	STAFF
81179	LECT-DISC	D	11	M W F	1	G H	STAFF
81186	LECT-DISC	E	12	M W F	215	G H	STAFF

SOC W 226 INTRODUCTION TO SOCIAL WELFARE, II.
PREREQUISITE: SOC. W. 225.

3 HOURS									
81193	LECT-DISC	A	9	M	W	F	328	D K H	STAFF
81204	LECT-DISC	B	2	M	W	F	329	G H	STAFF
81211	LECT-DISC	C	11	M	W	F	392	L H	STAFF
81229	LECT-DISC	D	1	M	W	F	30	COM W	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOC W 300 METHODS OF SOCIAL WORK INTERVENTION.
PREREQUISITE: SOC. W. 226, OR TAKEN CONCURRENTLY.
3 HOURS, OR 1/2 TO 1 UNIT

81236	LECT-DISC	A	11	M	W	F	204N	H H	STAFF
81243	LECT-DISC	B	2	M	W	F	141	A H	

SOC W 316 SOCIAL SERVICES FOR CHILDREN.
PREREQUISITE: SOC. W. 300, OR TAKEN CONCURRENTLY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT

81251	LECT-DISC	A	11	M	W	F	305	G H	STAFF
81268	LECT-DISC	B	1	M	W	F	141	A H	STAFF
81275	LECT-DISC	&C	2	M	W	F	153	A S L	STAFF

SOC W 318 SPECIAL PROBLEMS.
PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT

TIME BY ARRANGEMENT AFTER FIRST MEETING.									
81282	CONF		ARR						STAFF

SOC W 333 INTRODUCTION TO SOCIAL GROUP WORK.
PREREQUISITE: JUNIOR STANDING WITH INTRODUCTORY COURSES IN SOCIOLOGY, PSYCHOLOGY, SOCIAL SCIENCES.
2 HOURS OR 1/2 UNIT

81290	LECT-DISC		1-3	TU			215	G H	STAFF
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COURSES FOR GRADUATES

TO BE ADMITTED TO GRADUATE STUDY IN SOCIAL WORK STUDENTS MUST HAVE HAD AT LEAST TWENTY SEMESTER HOURS IN THE SOCIAL SCIENCES, PREFERABLY INCLUDING COURSEWORK IN SOCIAL ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK OR SOCIAL WELFARE, AND SOCIOLOGY. COMPLETION OF A COURSE IN STATISTICS AND/OR RESEARCH METHODOLOGY IS RECOMMENDED.

SOC W 421 PRINCIPLES OF SOCIAL WORK TREATMENT.
1/2 TO 1 1/2 UNITS

81301	LECT-DISC	A	8	M	W	F	103	1207 W ORE	STAFF
81318	LECT-DISC	B	9	M	W	F	103	1207 W ORE	STAFF
81325	LECT-DISC	C	10	M	W	F	103	1207 W ORE	STAFF

SOC W 422 SOCIAL CASEWORK, II.
PREREQUISITE: SOC. W. 421.
1/2 TO 1 UNITS

81332	LECT-DISC		1	M	W	F	103	1207 W ORE	STAFF
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SOC W 425 GROUP PROCESS AND METHOD.
1/2 TO 1 UNIT

81340	LECT-DISC	A	1	M	W		133	1207 W ORE	STAFF
81357	LECT-DISC	B	2	M	W		325	D K H	STAFF

SOC W 426 SOCIAL PLANNING AND ADMINISTRATION.
1/2 TO 1 UNIT

81364	LECT-DISC		11	M	W	F	103	1207 W ORE	STAFF
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SOC W 427 SOCIAL RESEARCH.
1/2 TO 1 UNIT

81371	LECT-DISC	A	9-11	TU			103	1207 W ORE	STAFF
		A	11		TH		103	1207 W ORE	STAFF
81389	LECT-DISC	B	9-11	TU			133	1207 W ORE	STAFF
		B	11		TH		133	1207 W ORE	STAFF

SOC W 429 SEMINAR IN METHODS OF INTERVENTION WITH LOW-INCOME FAMILIES.									
PREREQUISITE: SOC. W. 421 OR EQUIVALENT.									
1/2 TO 1 1/2 UNITS									
81396	LECT-DISC		11	M W F	133	1207 W ORE	STAFF		
SOC W 431 PRACTICE SEMINAR, I.									
PREREQUISITE: CONSENT OF INSTRUCTOR.									
1 UNIT									
TIME BY ARRANGEMENT AFTER FIRST MEETING.									
81407	LECT-DISC		ARR		21	1207 W ORE	STAFF		
SOC W 432 PRACTICE SEMINAR, II.									
PREREQUISITE: CONSENT OF INSTRUCTOR.									
1 UNIT									
TIME BY ARRANGEMENT AFTER FIRST MEETING.									
81414	PRACT	A	ARR		21	1207 W ORE	STAFF		
81421	PRACT	B	ARR				STAFF		
81439	PRACT	C	ARR				STAFF		
81446	PRACT	D	ARR				STAFF		
81453	PRACT	E	ARR				STAFF		
SOC W 451 HUMAN GROWTH AND BEHAVIOR, I.									
1/2 TO 1 UNIT									
81461	LECT-DISC	A	9-11	TH	133	1207 W ORE	STAFF		
81478	LECT-DISC	B	9-11	TH	103	1207 W ORE	STAFF		
81485	LECT-DISC	C	9-11	TH	152	C A	STAFF		
SOC W 452 HUMAN GROWTH AND BEHAVIOR, II.									
PREREQUISITE: SOC. W. 451.									
1/2 TO 1 1/2 UNITS									
81492	LECT-DISC		3-5	M	133	1207 W ORE	STAFF		
SOC W 461 SPECIAL STUDIES IN SOCIAL WORK I.									
1/2 TO 2 UNITS									
TIME BY ARRANGEMENT AFTER FIRST MEETING.									
81503	CONF		ARR			1207 W ORE	STAFF		
SOC W 462 SPECIAL STUDIES IN SOCIAL WORK II.									
1/2 TO 2 UNITS									
TIME BY ARRANGEMENT AFTER FIRST MEETING.									
81511	CONF		ARR		21	1207 W ORE	STAFF		
SOC W 466 FIELD INSTRUCTION, I.									
PREREQUISITE: CONSENT OF INSTRUCTOR.									
1/2 TO 1 UNIT									
81528	PRACT	A	1-5	TU	133	1207 W ORE	STAFF		
81535	PRACT	B	1-5	TH	133	1207 W ORE	STAFF		
SOC W 467 FIELD INSTRUCTION, II.									
PREREQUISITE: CONSENT OF INSTRUCTOR.									
1/2 TO 1 UNIT									
81542	PRACT		1-5	TH	103	1207 W ORE	STAFF		
SOC W 468 FIELD INSTRUCTION, III.									
PREREQUISITE: CONSENT OF INSTRUCTOR.									
1 TO 2 UNITS									
TIME BY ARRANGEMENT AFTER FIRST MEETING.									
81550	PRACT		ARR		21	1207 W ORE	STAFF		
SOC W 469 FIELD INSTRUCTION, IV.									
PREREQUISITE: SOC. W. 468.									
1 TO 2 UNITS									
81567	PRACT	A	ARR		21	1207 W ORE	STAFF		
81574	PRACT	B	ARR				STAFF		
81581	PRACT	C	ARR				STAFF		
81599	PRACT	D	ARR				STAFF		
81600	PRACT	E	ARR				STAFF		
SOC W 481 SOCIAL SERVICES AND WELFARE POLICY, I.									
1 TO 1 1/2 UNITS									
81617	LECT-DISC	A	2-5	F	133	1207 W ORE	STAFF		
81624	LECT-DISC	B	9	M W F	133	1207 W ORE	STAFF		
81631	LECT-DISC	C	10	M W F	133	1207 W ORE	STAFF		

SOC W 491 RESEARCH SEMINAR.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 TO 2 UNITS

TIME BY ARRANGEMENT AFTER FIRST MEETING.

81649	PRACT	A	ARR	21	1207 W ORE	STAFF
81656	PRACT	B	ARR			STAFF
81663	PRACT	C	ARR			STAFF
81671	PRACT	D	ARR			STAFF
81688	PRACT	E	ARR			STAFF

SOCIOLOGY

DEPARTMENT OFFICE

342 L H

MAJOR: TWENTY HOURS FROM COURSES IN SOCIOLOGY, EXCLUDING SOCIOLOGY 100, 151, AND 152. SOCIOLOGY MAJORS ARE REQUIRED TO TAKE SOCIOLOGY 184, 185, 300, AT LEAST ONE COURSE FROM AMONG 201, 212, 320, AND 321 (THE INTERPERSONAL RELATIONS AREA), AND AT LEAST ONE COURSE FROM AMONG 218, 223, 270, AND 322 (THE SOCIETAL ANALYSIS AREA).

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE PSYCHOLOGY AND SOCIAL WORK. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A MINOR.

DEPARTMENTAL DISTINCTION: IN ORDER TO BE AWARDED DISTINCTION IN SOCIOLOGY AT GRADUATION, THE STUDENT MUST (1) HAVE AT LEAST A 4.0 ALL UNIVERSITY GRADE POINT AVERAGE; (2) MEET THE GENERAL REQUIREMENTS FOR A MAJOR IN SOCIOLOGY; AND (3) IN ADDITION TO THE WORK DONE FOR THE MAJOR, EARN FOUR SEMESTER HOURS OF CREDIT BY ENROLLING IN BOTH OF THE HONORS COURSES (SOC. 290 AND 291).

COURSES FOR UNDERGRADUATES

SOC 100 INTRODUCTION TO SOCIOLOGY.

*CREDIT IS NOT GIVEN FOR BOTH SOC. 100 AND R. SOC. 117.

*3 HOURS

EACH STUDENT MUST ELECT ONE QUIZ-LECTURE COMBINATION.

NOTE: LECTURE A WILL HAVE MUCH COMPARATIVE AND ASIAN EMPHASIS.

ENTRANCE TO QUIZ & A6 BY CONSENT OF LECTURER ONLY.

81695	QUIZ	A1	1	TH	209	E B	
	LECT	A	2	M W	66	LIB	JACOBS
81706	QUIZ	A2	9	F	134	ARMORY	
	LECT	A	2	M W	66	LIB	JACOBS
81713	QUIZ	A3	10	F	134	ARMORY	
	LECT	A	2	M W	66	LIB	JACOBS
81721	QUIZ	A4	11	F	134	ARMORY	
	LECT	A	2	M W	66	LIB	JACOBS
81738	QUIZ	A5	1	F	134	ARMORY	
	LECT	A	2	M W	66	LIB	JACOBS
81923	QUIZ	A6	2	F	134	ARMORY	
	LECT	A	2	M W	66	LIB	JACOBS
81745	QUIZ	A7	10	TH	209	E B	
	LECT	A	2	M W	66	LIB	JACOBS
81752	QUIZ	A8	9	TH	134	ARMORY	
	LECT	A	2	M W	66	LIB	JACOBS
81760	QUIZ	B1	10	TH	134	ARMORY	
	LECT	B	1	M W	L H	THEATER	WILEY
81777	QUIZ	B2	11	TH	134	ARMORY	
	LECT	B	1	M W	L H	THEATER	WILEY
81784	QUIZ	B3	1	TU	209	E B	
	LECT	B	1	M W	L H	THEATER	WILEY
81791	QUIZ	B4	9	TU	134	ARMORY	
	LECT	B	1	M W	L H	THEATER	WILEY
81802	QUIZ	B5	10	TU	134	ARMORY	
	LECT	B	1	M W	L H	THEATER	WILEY
81810	QUIZ	B6	11	TU	134	ARMORY	
	LECT	B	1	M W	L H	THEATER	WILEY

SOC	100	CONTINUED									
	81827	QUIZ	B7	2		F	340	L H			
		LECT	B	1	M	W	L H	THEATER		WILEY	
	81834	QUIZ	B8	2		TH	201	E B			
		LECT	B	1	M	W	L H	THEATER		WILEY	
	81841	QUIZ	C1	3		TH	340	L H			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81859	QUIZ	C2	2		F	300	L H			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81866	QUIZ	C3	8		TH	314	L H			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81873	QUIZ	C4	1		TH	314	L H			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81881	QUIZ	C5	2		TH	314	L H			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81898	QUIZ	C6	9		F	314	L H			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81909	QUIZ	C7	10		TH	205	E B			
		LECT	C	10	M	W	L H	THEATER		PORTES	
	81916	QUIZ	C8	1		TH	205	E B			
		LECT	C	10	M	W	L H	THEATER		PORTES	

SOC 151 THE STUDY OF SOCIETY, I.
 *CREDIT IS NOT GIVEN IN SOC. 151 IN ADDITION TO CREDIT IN SOC. 100 OR R. SOC. 117.
 *4 HOURS
 SECTIONS 89 AND 820 ARE FOR JAMES SCHOLARS. OTHERS MAY BE ADMITTED WITH CONSENT OF THEIR ADVISORS. ALL LECTURE SECTIONS ARE BY TELEVISION.

81931	LECT-DISC		10		TU TH	L H	THEATER	JENNE
81948	QUIZ	1	9	M W	134	ARMORY		
81955	QUIZ	2	10	M W	134	ARMORY		
81962	QUIZ	3	11	M W	134	ARMORY		
81970	QUIZ	4	1	M W	134	ARMORY		
81987	QUIZ	5	2	M W	134	ARMORY		
81994	QUIZ	6	3	M W	134	ARMORY		
82007	QUIZ	7	1		TU TH	134	ARMORY	
82014	QUIZ	8	2		TU TH	134	ARMORY	
82128	QUIZ	69	3		TU TH	134	ARMORY	
82021	QUIZ	10	1		TU TH	340	L H	
82039	QUIZ	11	1		TU TH	201	E B	
82046	QUIZ	12	4		TU TH	134	ARMORY	
82053	QUIZ	13	4	M W	134	ARMORY		
82061	QUIZ	14	2		TU TH	300	L H	
82078	QUIZ	15	2	M W	300	L H		
82085	QUIZ	16	4		TU TH	340	L H	
82092	QUIZ	17	9	M W	314	L H		
82103	QUIZ	18	8		TU TH	300	L H	
82111	QUIZ	19	2		TU TH	340	L H	
82135	QUIZ	620	1		TU TH	300	L H	

SOC 184 NON-STATISTICAL INTRODUCTION TO SOCIAL SCIENCE RESEARCH METHODS.
 PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY OR GEOGRAPHY.
 3 HOURS

*SECTIONS A1, B1, AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2 AND C2.

82142	LECT-DISC	*A1	11	M	W	F	340	L H		WOELFEL
82150	LECT-DISC	*A2	11	M	W	F	340	L H		
82167	LECT-DISC	*B1	9	M	W	F	300	L H		ORUM
82174	LECT-DISC	*B2	9	M	W	F	300	L H		
82181	LECT-DISC	*C1	8	M	W	F	300	L H		WONG
82199	LECT-DISC	*C2	8	M	W	F	300	L H		

SOC 185 INTRODUCTION TO SOCIAL STATISTICS.

SAME AS GEOG. 185.

PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.
 3 HOURS

*SECTIONS A1, B1, AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, C2 OR D2. GEOGRAPHY MAJORS SEE GEOGRAPHY 185.

SEE GEOGRAPHY 189.								
82200	LECT-DISC	*A1	9-1030	TU TH	340	L H		SUMMERS
82217	LECT-DISC	*A2	9-1030	TU TH	340	L H		
82224	LECT-DISC	*B1	1	M W F	314	L H		WIEBE
82231	LECT-DISC	*B2	1	M W F	314	L H		
82249	LECT-DISC	*C1	8	M W F	340	L H		
82256	LECT-DISC	*C2	8	M W F	340	L H		

SOC 190 INDIVIDUAL TOPICS FOR UNDERGRADUATES.
 PREREQUISITE: SIX HOURS OF SOCIOLOGY OR THREE HOURS OF SOCIOLOGY,
 CONCURRENT REGISTRATION IN ANOTHER SOCIOLOGY COURSE AND
 CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A TOTAL OF 4 HOURS.
 *1 OR 2 HOURS
 82263 CONF A ARR STAFF

SOC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 TOPIC: CONFLICT THEORY AND SOCIAL THEORY.
 82271 CONF A 11 M W F 314 LIB SOUTHWOOD

COURSES FOR ADVANCED UNDERGRADUATES

SOC 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.
 PREREQUISITE: SOC. 100 OR SOC. 152 OR R. SOC. 117.
 *CREDIT IS NOT GIVEN FOR SOC. 201 AND PSYCH. 201.
 *4 HOURS
 LECTURE 1 AND LAB-DISCUSSIONS A1, B1, C1, AND D1 ARE FOR SOCIOLOGY
 MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE 2 AND LAB-
 DISCUSSIONS A2, B2, C2, OR D2.

82288	LECT-DISC 1	10	M W F	112	G H	SUMMER S
82295	LECT-DISC 2	10	M W F	112	G H	
82306	LAB-DISC A1	8	TU	340	L H	
82313	LAB-DISC A2	8	TU	340	L H	
82321	LAB-DISC B1	10	TU	205	E B	
82338	LAB-DISC B2	10	TU	205	E B	
82345	LAB-DISC C1	1	TU	205	E B	
82352	LAB-DISC C2	1	TU	205	E B	
82360	LAB-DISC D1	3	TU	340	L H	
82377	LAB-DISC D2	3	TU	340	L H	

SOC 206 POLITICAL SOCIOLOGY.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

82384	LECT-DISC *A1	3-430	M W	314	L H
82391	LECT-DISC *A2	3-430	M W	314	L H

SOC 212 CULTURE PATTERNS AND THE INDIVIDUAL.
 PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

82402	LECT-DISC *A1	2	M W F	213	G H	HULETT
82410	LECT-DISC *A2	2	M W F	213	G H	

SOC 218 TECHNOLOGY AND SOCIAL CHANGE.
 PREREQUISITE: SOC. 100 OR EQUIVALENT.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

82427	LECT-DISC *A1	9-1030	TU TH	223	G H	SOLAUN
82434	LECT-DISC *A2	9-1030	TU TH	223	G H	

SOC 223 STRATIFICATION AND SOCIAL CLASSES.
 PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL
 SCIENCE.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

82441	LECT-DISC *A1	2	M W F	103	M H	WOELFEL
82459	LECT-DISC *A2	2	M W F	103	M H	

SOC 225 RACIAL AND CULTURAL MINORITIES.
 PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

82466	LECT-DISC *A1	130-3	TU TH	L H	THEATER	KRONUS
82473	LECT-DISC *A2	130-3	TU TH	L H	THEATER	

SOC	228	SOCIOLOGY OF LEISURE.							
		PREREQUISITE: THREE HOURS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR.							
		3 HOURS							
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.							
	82481	LECT-DISC *A1	10	M W F	138	ADMIN			HULETT
	82498	LECT-DISC *A2	10	M W F	138	ADMIN			
SOC	229	SOCIOLOGY OF RELIGION.							
		PREREQUISITE: A COURSE IN INTRODUCTORY SOCIOLOGY.							
		3 HOURS							
	82509	LECT-DISC A	9	M W F	340	L H			WIEBE
SOC	231	ANALYSIS OF JUVENILE DELINQUENCY.							
		PREREQUISITE--SOC. 100 OR 151.							
		3 HOURS.							
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.							
	82516	LECT-DISC *A1	9	M W F	100	M M B			STAFF
	82523	LECT-DISC *A2	9	M W F	100	M M B			
SOC	240	COLLECTIVE BEHAVIOR.							
		PREREQUISITE: SOC. 100 OR 151.							
		3 HOURS							
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.							
	82531	LECT-DISC *A1	10-1130	TU TH	140	BUR HALL			MCPHAIL
	82548	LECT-DISC *A2	10-1130	TU TH	140	BUR HALL			
SOC	251	SOCIAL ASPECTS OF MASS COMMUNICATIONS.							
		SAME AS COMM. AND JOURN. 251.							
		PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.							
		3 HOURS							
	82555	LECT-DISC C	10	M W F	215	G H			GUBACK
	82562	LECT-DISC G	1	M W F	215	G H			KREILING
SOC	270	POPULATION, AND HUMAN ECOLOGY.							
		SAME AS R. SOC. 270.							
		PREREQUISITE: SOC. 100 OR 151, OR R. SOC. 117, JUNIOR STANDING.							
		3 HOURS							
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. AGRICULTURAL ECONOMICS MAJORS SEE RURAL SOCIOLOGY 270.							
	82570	LECT-DISC *A1	2-330	TU TH	149	ADMIN			CHOLDIN
	82587	LECT-DISC *A2	2-330	TU TH	149	ADMIN			
SOC	276	SOCIOLOGY OF THE CITY.							
		PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.							
		JUNIOR STANDING.							
		3 HOURS							
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.							
	82594	LECT-DISC *A1	730-9	M W	213	G H			CHOLDIN
	82605	LECT-DISC *A2	730-9	M W	213	G H			
SOC	290	HONORS.							
		PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.							
		2 HOURS							
	82612	CONF	&A	ARR					STAFF
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES									
SOC	300	SOCIAL SYSTEMS AND INSTITUTIONS.							
		PREREQUISITE: SOC. 100, OR EIGHT HOURS IN SOCIAL SCIENCE, OR CONSENT OF INSTRUCTOR.							
		3 HOURS, OR 1/2 OR 1 UNIT							
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.							
	82620	LECT-DISC *A1	2-315	TU TH	100	G H			JOHNSON
	82637	LECT-DISC *A2	2-315	TU TH	100	G H			

SOC	317	SOCIOLOGY OF LAW. PREREQUISITE: SOC. 100. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.								
	82644	LECT-DISC *A1	1030-12	TU TH	314	L H				GORECKI
	82651	LECT-DISC *A2	1030-12	TU TH	314	L H				
SOC	318	INDUSTRY AND SOCIETY. SAME AS L.I.R. 318. PREREQUISITE: SIX HOURS OF SOCIOLOGY INCLUDING ONE OF THE FOLLOWING--SOC. 218, 223, 300, 322, 326, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. LABOR AND INDUSTRIAL RELATIONS MAJORS SEE L. I. R. 318.								
	82669	LECT-DISC *A1	1030-12	TU TH	300	L H				KARSH
	82676	LECT-DISC *A2	1030-12	TU TH	300	L H				
SOC	321	FAMILY AND KINSHIP. PREREQUISITE: SOC. 100, OR EIGHT HOURS OF SOCIAL SCIENCE, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.								
	82683	LECT-DISC *A1	10	M W F	314	L H				JENNE
	82691	LECT-DISC *A2	10	M W F	314	L H				
SOC	322	SOCIOLOGY OF BUREAUCRACY AND ADMINISTRATIVE ORGANIZATION. PREREQUISITE: NINE HOURS OF SOCIOLOGY INCLUDING SOC. 300, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.								
	82701	LECT-DISC *A1	10	M W F	300	L H				KIMBERLY
	82719	LECT-DISC *A2	10	M W F	300	L H				
SOC	326	SOCIAL MOBILITY AND CLASS STRUCTURE. PREREQUISITE: SOC. 223, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.								
	82726	LECT-DISC *A1	7-930PM	M	340	L H				MAXWELL
	82733	LECT-DISC *A2	7-930PM	M	340	L H				
SOC	331	CRIMINOLOGY. PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING, PRE-LEGAL JUNIORS MAY BE ADMITTED WITH CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.								
	82741	LECT-DISC *A1	11	M W F	300	L H				STAFF
	82758	LECT-DISC *A2	11	M W F	300	L H				
SOC	332	RESEARCH METHODS IN SOCIAL PSYCHOLOGY. SAME AS PSYCH. 332. PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. 4 HOURS, OR 1/2 OR 1 UNIT								
	82765	LAB-DISC A1	1-3	M W	151	PSYCH BLDG				
		A1	8	TU TH	32	PSYCH BLDG				
	82772	LAB-DISC A2	1-3	TU TH	151	PSYCH BLDG				
		A2	8	TU TH	32	PSYCH BLDG				
	82780	LAB-DISC A3	3-5	M W	151	PSYCH BLDG				
		A3	8	TU TH	32	PSYCH BLDG				
	82797	LAB-DISC A4	3-5	TU TH	151	PSYCH BLDG				
		A4	8	TU TH	32	PSYCH BLDG				
	82808	LAB-DISC B1	8-10	M W	151	PSYCH BLDG				
		B1	1	TU TH	21	PSYCH BLDG				
	82815	LAB-DISC B2	8-10	TU TH	151	PSYCH BLDG				
		B2	1	TU TH	32	PSYCH BLDG				
SOC	343	SOCIAL CHANGE IN DEVELOPING AREAS. SAME AS R. SOC. 343. PREREQUISITE: SOC. 100 OR 151 OR EQUIVALENT. 3 HOURS, OR 1/2 OR 1 UNIT								
	82847	LECT-DISC A	330-5	TU TH	300	L H				FLIEGEL

SOC	350	SOVIET SOCIAL INSTITUTIONS. PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR. PREREQUISITE WAIVED FOR MAJORS AND MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES. 3 HOURS, OR 1/2 OR 1 UNIT	82854	LECT-DISC A	1	M W F	340 L H	GORECKI
SOC	351	ADVANCED SOCIAL PSYCHOLOGY. SAME AS PSYCH. 351 AND COMM. 351. PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE. 3 HOURS, OR 1/2 OR 1 UNIT	82861	LECT	11	M W F	207 PSYCH BLDG	
SOC	352	ATTITUDE THEORY AND MEASUREMENT. SAME AS PSYCH. 352 AND COMM. 352. PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS. 3 HOURS, OR 1/2 OR 1 UNIT	82879	LECT	9	M W F	207 PSYCH BLDG	
SOC	355	CHINESE SOCIETY. PREREQUISITE: SOC. 100, D. G. S. 151-52, R. SOC. 117, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	82886	LECT-DISC A	2	M W F	370 L H	WONG
SOC	369	INTRODUCTION TO HUMAN ECOLOGY. SAME AS GEOG., ANTH., H. ED., PHYSL., PSYCH., V.M.S., AND ZOO. 369. PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY. *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS. *3 OR 5 HOURS, OR 1/2 OR 1 UNIT	82893	LECT-DISC	11	M W F	112 C A	
SOC	371	COMPARATIVE SOCIAL INSTITUTIONS PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	82904	LECT-DISC A	3	M W F	300 L H	JACOBS
SOC	373	LATIN AMERICAN SOCIAL ORGANIZATION AND INSTITUTIONS. PREREQUISITE: SOC. 100 OR 151 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	82911	LECT-DISC A	10	M W F	340 L H	SOLAUN
SOC	385	SOCIAL STATISTICS, I. PREREQUISITE: SOC. 185, OR MATH. 122 OR 123, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.	82929	LECT-DISC *A1	1	M W F	300 L H	SOUTHWOOD
			82936	LECT-DISC *A2	1	M W F	300 L H	
SOC	386	METHODS OF FIELD RESEARCH. SAME AS PSYCH. 386. PREREQUISITE: SOC. 184 AND 185, OR PSYCH. 235. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE PSYCHOLOGY 386.	82943	LECT-DISC *A1	3-430	TU TH	314 L H	PORTES
			82951	LECT-DISC *A2	3-430	TU TH	314 L H	

COURSES FOR GRADUATES

SOC	407	POPULATION STUDIES AND DEMOGRAPHIC ANALYSIS. SAME AS R. SOC. 407. PREREQUISITE: TWELVE HOURS OF SOCIAL SCIENCE AND INTRODUCTORY STATISTICS OR MAJOR IN SOCIOLOGY, OR CONSENT OF INSTRUCTOR. 3/4 OR 1 UNIT	82968	LECT-DISC S	2-4	TH	316N M H	FOLSE
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SOC	409	PSYCHOLOGICAL SCALING. SAME AS PSYCH. 409. PREREQUISITE: PSYCH. 307. 1 UNIT	82975	LECT	10-12	F	708	PSYCH BLDG	
SOC	421	SEMINAR ON RESEARCH IN MARRIAGE AND FAMILY LIFE. PREREQUISITE: CONSENT OF THE INSTRUCTOR. 1 UNIT	82982	LECT-DISC	A	10-12	TU	245	A H FARBER
SOC	422	THEORY OF SOCIAL GROUPS. 1 UNIT	82990	LECT-DISC	A	3-5	W	6	COM W MCPHAIL
SOC	425	RACIAL AND CULTURAL MINORITIES. PREREQUISITE: UNDERGRADUATE MAJOR OR MINOR IN SOCIOLOGY OR ANTHROPOLOGY. 1 UNIT	83002	LECT-DISC	A	9-11	TU	11	COM W DRUM
SOC	456	ORGANIZATIONAL SCIENCES, I. SAME AS B. ADM. 410, POL. S. 460, AND PSYCH. 453. PREREQUISITE: ENROLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR. 1 UNIT	83010	LECT-DISC		10-12	W	166	COM W
SOC	474	SURVEY METHODS IN MARKETING RESEARCH. SAME AS B. ADM. 471. PREREQUISITE: SOC. 185, ECON. 171, OR EQUIVALENT. 1 UNIT	83027	LECT-DISC	A	3-5	M	102	L H SUDMAN
SOC	482	RECENT DEVELOPMENTS IN SOCIOLOGY. *STUDENTS MAY ACCUMULATE TWO UNITS. * 1 UNIT TOPIC: SEMINAR ON ADVANCED SOCIOLOGICAL THEORY.	83034	LECT-DISC	A	1-3	TU	28	COM W STAFF
SOC	484	THE SOCIOLOGICAL THEORY OF TALCOTT PARSONS. PREREQUISITE: SOC. 362 OR 400. 1 UNIT	83041	LECT-DISC	A	4-530	TU	325	G H JOHNSON
SOC	487	SPECIAL PROBLEMS IN RURAL SOCIOLOGY. SAME AS R. SOC. 487. PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY, CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	83059	CONF		ARR			STAFF
SOC	490	INDIVIDUAL TOPICS IN SOCIOLOGY. 1/2 TO 2 UNITS	83066	CONF	A	ARR			STAFF
			83073	CONF	B	ARR			STAFF
SOC	499	THESIS RESEARCH. 0 TO 4 UNITS *SECTION B IS FOR DOCTORS THESIS.	83081	CONF	*B	ARR			STAFF

SPANISH

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY-FOUR HOURS, EXCLUDING 101, 102, 103, 104, 115, AND INCLUDING 211, 212, 221, 222. A MINIMUM OF ONE COURSE MUST BE TAKEN FROM EACH OF THE FOLLOWING GROUPS: 1) SPANISH 241, 305, 306; 2) SPANISH 242, 307, 308; 3) SPANISH 309, 311, 314; 4) SPANISH 331, 332; 5) SPANISH 351, 352, LINGUISTICS 300, LINGUISTICS 302. AT LEAST TWO LITERATURE COURSES MUST BE TAKEN AT THE 300 LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHYTH. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, AND RUSSIAN.

COURSES FOR UNDERGRADUATES

SPAN 101 ELEMENTARY SPANISH, I.

NO CREDIT TOWARD GRADUATION IS GIVEN FOR SPAN. 101 WITHOUT SPAN. 102.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS M3-M28.

*ALL STUDENTS ASSIGNED TO 101 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN STARRED SECTIONS.

ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.

83493	LECT-DISC	*A1	8	TUWTHF	154	ADMIN
83098	LECT-DISC	A2		TUWTHF	136	ARMORY
83109	LECT-DISC	B1	9	TUWTHF	224	D K H
83116	LECT-DISC	B2	9	TUWTHF	136	ARMORY
83123	LECT-DISC	C1	10	TUWTHF	176	L H
83131	LECT-DISC	C2	10	TUWTHF	325	D K H
83148	LECT-DISC	D1	11	TUWTHF	216	L H
83155	LECT-DISC	D2	11	TUWTHF	1438	M E B
83504	LECT-DISC	*X1	12	MTUWTH	102	L H
83162	LECT-DISC	X2	12	MTUWTH	152	ARMORY
83170	LECT-DISC	E1	1	MTUWTH	137	ARMORY
83187	LECT-DISC	E2	1	MTUWTH	224	D K H
83194	LECT-DISC	F1	2	MTUWTH	176	L H
83205	LECT-DISC	F2	2	MTUWTH	230	L H
83212	LECT-DISC	G1	3	MTUWTH	216	L H
83220	LECT-DISC	G2	3	MTUWTH	4	G H
83237	LECT-DISC	H1	4	MTUWTH	176	L H
83244	LECT-DISC	H2	4	MTUWTH	230	L H
83251	LAB	M 3	8-830	M TH	202	L H
83269	LAB	M 4	830-9	M TH	202	L H
83276	LAB	M 5	9-930	M TH	202	L H
83283	LAB	M 6	930-10	M TH	202	L H
83291	LAB	M 7	10-1030	M TH	202	L H
83301	LAB	M 8	1030-11	M TH	202	L H
83319	LAB	M 9	11-1130	M TH	202	L H
83326	LAB	M10	1130-12	M TH	202	L H
83333	LAB	M11	12-1230	M TH	202	L H
83341	LAB	M12	1230-1	M TH	202	L H
83358	LAB	M13	1-130	M TH	202	L H
83365	LAB	M14	130-2	M TH	202	L H
83372	LAB	M15	2-230	M TH	202	L H
83380	LAB	M16	230-3	M TH	202	L H
83397	LAB	M17	3-330	M TH	202	L H
83408	LAB	M18	330-4	M TH	202	L H
83415	LAB	M19	4-430	M TH	202	L H
83422	LAB	M20	430-5	M TH	202	L H
83430	LAB	M21	5-530	M TH	202	L H
83447	LAB	M22	530-6	M TH	202	L H
83454	LAB	M25	7-730PM	M TH	202	L H
83461	LAB	M26	730-8PM	M TH	202	L H
83479	LAB	M27	8-830PM	M TH	202	L H
83486	LAB	M28	830-9PM	M TH	202	L H

SPAN 102 ELEMENTARY SPANISH, II.
 PREREQUISITE: SPAN. 101 OR ONE YEAR OF HIGH SCHOOL SPANISH.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS T3-T22.
 *STARRED SECTIONS WILL MEET FIVE HOURS PER WEEK.
 ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED
 TO 102 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE
 STARRED SECTIONS. ALL OTHER STUDENTS MUST REGISTER IN
 NON-STARRED SECTIONS.

83778	LECT-DISC	*A1	8	MTUWTHF	431	ARMORY
83511	LECT-DISC	A2	8	TUWTHF	176	L H
83785	LECT-DISC	*B	9	MTUWTHF	137	ARMORY
83529	LECT-DISC	D	11	TUWTHF	325	D K H
83792	LECT-DISC	*X1	12	MTUWTHF	137	ARMORY
83803	LECT-DISC	*X2	12	MTUWTHF	431	ARMORY
83536	LECT-DISC	X3	12	MTUWTH	325	D K H
83811	LECT-DISC	*E1	1	MTUWTHF	152	ARMORY
83543	LECT-DISC	E2	1	MTUWTH	136	ARMORY
83551	LECT-DISC	F	2	MTUWTH	4	G H
83568	LECT-DISC	G	3	MTUWTH	108	L H
83575	LAB	T 3	8-830	TU F	202	L H
83582	LAB	T 4	830-9	TU F	202	L H
83590	LAB	T 5	9-930	TU F	202	L H
83601	LAB	T 6	930-10	TU F	202	L H
83618	LAB	T 7	10-1030	TU F	202	L H
83625	LAB	T 8	1030-11	TU F	202	L H
83632	LAB	T 9	11-1130	TU F	202	L H
83640	LAB	T10	1130-12	TU F	202	L H
83657	LAB	T11	12-1230	TU F	202	L H
83664	LAB	T12	1230-1	TU F	202	L H
83671	LAB	T13	1-130	TU F	202	L H
83689	LAB	T14	130-2	TU F	202	L H
83696	LAB	T15	2-230	TU F	202	L H
83707	LAB	T16	230-3	TU F	202	L H
83714	LAB	T17	3-330	TU F	202	L H
83721	LAB	T18	330-4	TU F	202	L H
83739	LAB	T19	4-430	TU F	202	L H
83746	LAB	T20	430-5	TU F	202	L H
83753	LAB	T21	5-530	TU F	202	L H
83761	LAB	T22	530-6	TU F	202	L H

SPAN 103 INTERMEDIATE SPANISH, I.
 PREREQUISITE: SPAN. 102 OR TWO YEARS OF HIGH SCHOOL SPANISH.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS M3-M26.
 SECTION &B IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO
 STUDENTS WHO RECEIVED AN A IN SPAN 102.
 *STARRED SECTIONS WILL MEET FIVE HOURS PER WEEK. ALL NEW AND
 TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 103 ON THE
 BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE STARRED SECTIONS.
 ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.

84129	LECT-DISC	*A	8	MTUWTHF	137	ARMORY
84168	LECT-DISC	&B	9	TUWTHF	4	G H
84136	LECT-DISC	*C1	10	MTUWTHF	224	D K H
83828	LECT-DISC	C2	10	TUWTHF	152	ARMORY
84143	LECT-DISC	*D1	11	MTUWTHF	170	L H
83835	LECT-DISC	D2	11	TUWTHF	217	G H
84151	LECT-DISC	*X1	12	MTUWTHF	151	ARMORY
83842	LECT-DISC	X2	12	MTUWTH	224	D K H
83850	LECT-DISC	E1	1	MTUWTH	217	G H
83867	LECT-DISC	E2	1	MTUWTH	230	L H
83874	LECT-DISC	F1	2	MTUWTH	170	L H
83881	LECT-DISC	F2	2	MTUWTH	102	L H
83899	LECT-DISC	G	3	MTUWTH	176	L H
83900	LAB	M 3	8-830	M TH	210	L H
83917	LAB	M 4	830-9	M TH	210	L H
83924	LAB	M 5	9-930	M TH	210	L H
83931	LAB	M 6	930-10	M TH	210	L H
83949	LAB	M 7	10-1030	M TH	210	L H
83956	LAB	M 8	1030-11	M TH	210	L H
83963	LAB	M 9	11-1130	M TH	210	L H
83971	LAB	M10	1130-12	M TH	210	L H
83988	LAB	M11	12-1230	M TH	210	L H
83995	LAB	M12	1230-1	M TH	210	L H
84008	LAB	M13	1-130	M TH	210	L H
84015	LAB	M14	130-2	M TH	210	L H
84022	LAB	M15	2-230	M TH	210	L H

SPAN 103 CONTINUED

84030	LAB	M16	230-3	M	TH	210	L H
84047	LAB	M17	3-330	M	TH	210	L H
84054	LAB	M18	330-4	M	TH	210	L H
84061	LAB	M19	4-430	M	TH	210	L H
84079	LAB	M20	430-5	M	TH	210	L H
84086	LAB	M21	5-530	M	TH	210	L H
84093	LAB	M22	530-6	M	TH	210	L H
84104	LAB	M25	7-730PM	M	TH	210	L H
84111	LAB	M26	730-8PM	M	TH	210	L H

SPAN 104 INTERMEDIATE SPANISH, II.

PREREQUISITE: SPAN. 103 OR THREE YEARS OF HIGH SCHOOL SPANISH.
4 HOURS

SECTION 6C IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 103.

*ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 104 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE STARRED SECTIONS WHICH WILL MEET FIVE HOURS PER WEEK. ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.

84175	LECT-DISC	A	8	TUWTHF	170	L H
84182	LECT-DISC	B	9	TUWTHF	154	ADMIN
84232	LECT-DISC	6C	10	TUWTHF	154	ADMIN
84225	LECT-DISC	*X1	12	MTUWTHF	230	L H
84190	LECT-DISC	X2	12	MTUWTH	136	ARMORY
84201	LECT-DISC	F	2	MTUWTH	108	L H
84218	LECT-DISC	G	3	MTUWTH	118	L H

SPAN 107 READINGS IN SPANISH (RE: SPAIN).

PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.

3 HOURS

84240	LECT-DISC	12	M	W	F	4	G H
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SPAN 111 CONVERSATIONAL SPANISH.

PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.

4 HOURS

84257	LECT-DISC	11	MTUWTH	151	ARMORY
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SPAN 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

84264	CONF	ARR
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STAFF

COURSES FOR ADVANCED UNDERGRADUATES

SPAN 211 INTERMEDIATE COMPOSITION AND CONVERSATION, I.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.

3 HOURS

84271	LECT-DISC	A	8	M	W	F	4	G H
84289	LECT-DISC	B1	9	M	W	F	151	ARMORY
84296	LECT-DISC	B2	9	M	W	F	152	ARMORY
84307	LECT-DISC	C	10	M	W	F	151	ARMORY
84314	LECT-DISC	D1	11	M	W	F	102	L H
84321	LECT-DISC	D2	11	M	W	F	230	L H
84339	LECT-DISC	X	12	M	W	F	217	G H
84346	LECT-DISC	E	1	M	W	F	151	ARMORY
84353	LECT-DISC	F	2	M	W	F	152	ARMORY
84361	LECT-DISC	G	3	M	W	F	433	ARMORY

SPAN 212 INTERMEDIATE COMPOSITION AND CONVERSATION, II.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 211 OR EQUIVALENT.

3 HOURS

84378	LECT-DISC	B	9	M	W	F	170	L H
84385	LECT-DISC	C	10	M	W	F	431	ARMORY
84392	LECT-DISC	D	11	M	W	F	224	D K H
84403	LECT-DISC	F	2	M	W	F	137	ARMORY

SPAN 213 ADVANCED COMPOSITION AND CONVERSATION, I.

PREREQUISITE: SPAN. 212 OR EQUIVALENT.

3 HOURS

84411	LECT-DISC	A	8	M	W	F	151	ARMORY
84428	LECT-DISC	C	10	M	W	F	137	ARMORY
84435	LECT-DISC	D	11	M	W	F	137	ARMORY

SPAN 215 SPOKEN SPANISH.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 212, SENIOR STANDING.
4 HOURS

84442	LECT-DISC	Z1	2-4	MTUWTH	217	G H
84450	LECT-DISC	Z2	2-4	MTUWTH	151	ARMORY

SPAN 221 SPANISH DRAMA AND POETRY OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
3 HOURS

84467	LECT-DISC	B	9	M W F	102	L H
84474	LECT-DISC	C	10	M W F	230	L H
84481	LECT-DISC	D	11	M W F	108	L H
84499	LECT-DISC	E	1	M W F	176	L H

SPAN 222 SPANISH-AMERICAN PROSE FICTION OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 221.
3 HOURS

84500	LECT-DISC	B	9	M W F	230	L H
84517	LECT-DISC	E	1	M W F	118	L H

SPAN 231 COMMERCIAL SPANISH.
PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
3 HOURS

84524	LECT-DISC		11	M W F	4	G H
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SPAN 241 STUDIES IN MODERN SPANISH LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS

84531	LECT-DISC		10	M W F	108	L H
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SPAN 242 STUDIES IN MODERN SPANISH-AMERICAN LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS

84549	LECT-DISC		1	M W F	102	L H
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SPAN 280 TEACHERS COURSE.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR 211 AND 212.
2 HOURS
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

84556	LECT-DISC	*N	4-530	TU TH	118	L H
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FLORES

SPAN 291 SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN SPANISH.
2 HOURS

84563	CONF	&A	ARR			
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STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE: ALL ADVANCED COURSES IN SPANISH UNLESS OTHERWISE NOTED HAVE THE FOLLOWING PREREQUISITE: SPAN. 222 OR EQUIVALENT.

SPAN 305 ROMANTICISM AND REALISM IN NINETEENTH-CENTURY SPANISH LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT

84571	LECT-DISC		1	M W F	431	ARMORY
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COWES

SPAN 306 THE GENERATION OF 1898.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT

84588	LECT-DISC		10	M W F	102	L H
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LOTT

SPAN 307 SPANISH-AMERICAN LITERATURE TO 1888.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT

84595	LECT-DISC		11	M W F	152	ARMORY
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MEEHAN

SPAN	308	SPANISH-AMERICAN MODERNISMO. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT	84606	LECT-DISC	2	M W F	118	L H	FORSTER
SPAN	309	INTRODUCTION TO MEDIEVAL SPANISH LITERATURE. PREREQUISITE: ONE OF SPAN. 305, 306, 307 OR 308, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	84613	LECT-DISC	9	TU TH	170	L H	BALDWIN
SPAN	311	DON QUIXOTE AND THE PROSE OF THE GOLDEN AGE. PREREQUISITE: SPAN. 305, 306, 307, OR 309, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	84621	LECT-DISC	10	M W	170	L H	HERSHBERG
SPAN	331	LA CULTURA HISPANICA: ESPANA. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT *WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.	84638	LECT-DISC	10	TU TH	170	L H	FLORES
SPAN	332	LA CULTURA HISPANICA: HISPANOAMERICA. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT *WILL BE COMPLETED BEFORE THE SIX-WEEK STUDENT-TEACHING PERIOD.	84645	LECT-DISC *G	3	MTUWTH	230	L H	
SPAN	351	PHONETICS. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	84652	LECT-DISC M	9	TU TH	176	L H	ALLEN
			84660	LECT-DISC N	10	TU TH	118	L H	BLAYLOCK
SPAN	352	SYNTAX. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	84677	LECT-DISC	11	TU TH	118	L H	WANNER
COURSES FOR GRADUATES									
SPAN	400	BEGINNING SPANISH FOR GRADUATE STUDENTS. 4 HOURS	84684	LECT-DISC	8	TUWTHF	102	L H	
SPAN	405	SPANISH BIBLIOGRAPHY. 1/2 UNIT	84691	LECT-DISC	4	TU	108	L H	BLAYLOCK
SPAN	417	RENAISSANCE AND BAROQUE DRAMA IN SPAIN. PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT. 1 UNIT	84702	LECT-DISC	12	M W	170	L H	PORQUERAS-MAYO
SPAN	418	SEMINAR IN RENAISSANCE AND BAROQUE LITERATURE. *MAY BE REPEATED FOR CREDIT. *1 UNIT	84710	LECT-DISC *X	7-9PM	TU	269	L H	PORQUERAS-MAYO
SPAN	421	MODERN SPANISH NOVEL AND ESSAY. 1 UNIT	84727	LECT-DISC	2	M W	431	ARMORY	COWES
SPAN	423	MODERN SPANISH DRAMA. 1 UNIT	84734	LECT-DISC	11	TU TH	230	L H	PASQUARIELLO

SPAN	426	SPANISH POETRY OF THE NINETEENTH AND TWENTIETH CENTURIES.						
	1 UNIT							
	84741	LECT-DISC	2	TU TH	429	LIB		PIETRANGELI
SPAN	431	SPANISH-AMERICAN POETRY: MIDDLE AMERICA.						
	PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT.							
	1 UNIT							
	84759	LECT-DISC	9	M W	431	ARMORY		FORSTER
SPAN	433	SPANISH-AMERICAN NOVEL: MIDDLE AMERICA.						
	PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT.							
	1 UNIT							
	84766	LECT-DISC	11	M W	118	L H		LEAL
SPAN	436	SEMINAR IN SPANISH-AMERICAN NOVEL.						
	SAME AS C. LIT. 462.							
	PREREQUISITE: SPAN. 433 OR 434.							
	1 UNIT							
	84773	LECT-DISC	10	M W	118	L H		LEAL
SPAN	438	SPANISH-AMERICAN ESSAY.						
	PREREQUISITE: SPAN. 307, 308, OR 310.							
	1 UNIT							
	84781	LECT-DISC	1	M W	170	L H		
SPAN	442	SEMINAR IN MODERN SPANISH LITERATURE.						
	PREREQUISITE: SPAN. 305 AND 421 OR 423 OR EQUIVALENT.							
	1 UNIT							
	84798	LECT-DISC	1	TU TH	170	L H		LOTT
*SECTION X TOPIC: CALDERON.								
SPAN	453	HISTORY OF THE SPANISH LANGUAGE.						
	1 UNIT							
	84809	LECT-DISC	2	TU TH	118	L H		BLAYLOCK
SPAN	462	INTRODUCTION TO ROMANCE LINGUISTICS.						
	SAME AS LING., FR., ITAL. AND PORT. 462.							
	1/2 UNIT							
	84816	LECT-DISC	9	TU TH	230	L H		KAHANE
SPAN	471	TEACHING COLLEGE SPANISH.						
	0 CREDIT							
	84823	LECT-DISC	2	F	108	L H		
SPAN	491	SPECIAL TOPICS IN SPANISH.						
	1/2 OR 1 UNIT							
	84831	CONF	ARR					STAFF
SPAN	499	THESIS RESEARCH.						
	0 TO 4 UNITS							
	84848	CONF	ARR					ALLEN, COWES FORSTER KAHANE LEAL, LOTT PASQUARIELLO PIETRANGELI PORQUERAS-MAY

SPECIAL EDUCATION

DEPARTMENT OFFICE

210 EDUC

COURSES FOR UNDERGRADUATES

SP ED 117 EXCEPTIONAL CHILDREN.
 PREREQUISITE: SOPHOMORE STANDING AND/OR PSYCH. 100.
 3 HOURS
 84855 LECT-DISC 2 M W F 62 K M ROCK

SP ED 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 84862 CONF ARR 210 EDUC STAFF

COURSES FOR ADVANCED UNDERGRADUATES

SP ED 249 INDEPENDENT STUDY.
 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
 POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
 THE WORK.
 2 HOURS
 84870 CONF ARR 210 EDUC STAFF

SP ED 291 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 84887 CONF ARR 210 EDUC STAFF

SP ED 292 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 84894 CONF ARR 210 EDUC STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SP ED 318 WORKSHOP AND LABORATORY IN EDUCATION OF EXCEPTIONAL CHILDREN.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 4 TO 8 HOURS, OR 1 TO 2 UNITS
 84905 LAB-DISC A 3 M F 33 EDUC JORDAN
 84912 LAB-DISC B 3-5 W 33 EDUC
 84920 LAB-DISC E ARR 11 1005 W NEV CHALFANT
 84937 LAB-DISC G 10-1 F 385 EDUC SCHULTZ
 COL WOLFE SCHOOL KARNES

SP ED 319 SPECIAL EDUCATION OF THE DEAF, I.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 5 HOURS, OR 1 TO 1 1/2 UNITS
 84944 LECT-DISC 1-4 TU TH 33 EDUC O'NEILL

SP ED 321 EDUCATION OF DISTURBED AND CONDUCT-PROBLEM CHILDREN.
 PREREQUISITE: SP. ED. 117 OR EQUIVALENT AND EOPSY. 236,
 OR EQUIVALENT.
 3 HOURS, OR 1/2 TO 1 UNIT
 84951 LECT-DISC 4-6 M 1 EDUC SCHULTZ

SP ED 322 PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED, I.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 84969 LECT-DISC 2 M W F 21 D K H STAFF

SP ED 324 MENTAL AND EDUCATIONAL MEASUREMENT OF EXCEPTIONAL CHILDREN.
 PREREQUISITE: SP. ED. 117, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 84976 LECT-DISC A 4-6 TU TH 36 COM W
 84983 LECT-DISC G1 ARR COL WOLFE SCHOOL ZEHRBACH

COURSES FOR GRADUATES

SP ED 416	PROBLEMS IN MENTAL DEFICIENCY. PREREQUISITE: SP. ED. 322 OR CONSENT OF INSTRUCTOR. 1 UNIT	84991	LECT-DISC	10-12	TU	28	EDUC	SALVIA
SP ED 417	PSYCHO-EDUCATIONAL PROBLEMS OF EXCEPTIONAL CHILDREN. PREREQUISITE: SIXTEEN HOURS OF PSYCHOLOGY AND/OR EDUCATION, OR CONSENT OF INSTRUCTOR. 1 UNIT	85003	LECT-DISC	7-9PM	M	166	EDUC	JORDAN
SP ED 418	COMMUNICATIVE PROBLEMS OF THE DEAF. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	85011	LECT-DISC	ARR				QUIGLEY
SP ED 419	DIAGNOSIS OF LEARNING DISABILITIES. PREREQUISITE: SP. ED. 318(B); PSYCH. 443 OR EDPsy. 343; CONSENT OF INSTRUCTOR. 1 UNIT *ADDITIONAL LAB HOURS TO BE ARRANGED.	85028	LECT-DISC LAB	10-12 *ARR	TU TH	11 1005 W NEV 1005 W NEV		CHALFANT CHALFANT
SP ED 421	ADMINISTRATION AND SUPERVISION OF SPECIAL EDUCATION. PREREQUISITE: SP. ED. 417, ED. AD. 460, AND CONSENT OF INSTRUCTOR. FIELD TRIPS. 1 UNIT	85035	LECT-DISC	10-12	W	382	EDUC	HENDERSON
SP ED 449	INDEPENDENT STUDY. PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN. *1/2 OR 1 UNIT	85042	CONF	ARR		210	EDUC	STAFF
SP ED 456	PROBLEMS AND TRENDS IN SPECIAL EDUCATION. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 2 UNITS *SECTION G: CULTURALLY DISADVANTAGED.	85050 85067 85074	LECT-DISC B LECT-DISC E LECT-DISC *G	7-9PM 1-3 ARR	TU M	11 382 COL WOLFE SCHOOL	1005 W NEV EDUC	CHALFANT SCHULTZ KARNES
SP ED 459	WORKSHOP IN CURRICULUM DEVELOPMENT. 1 TO 2 UNITS	85081 85099	LAB-DISC G LAB-DISC A	ARR 6-8PM	TU	COL WOLFE SCHOOL 160	COM W	KARNES STAFF
SP ED 490	SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. 1 TO 2 UNITS	85100	CONF	ARR		210	EDUC	STAFF
SP ED 491	FIELD STUDY AND THESIS SEMINAR. LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. 1 TO 2 UNITS	85117	CONF	ARR		210	EDUC	STAFF
SP ED 499	THESIS RESEARCH. 0 TO 4 UNITS	85124	CONF	ARR		210	EDUC	STAFF

SPEECH

DEPARTMENT OFFICE

133 L H

MAJOR: TWENTY HOURS IN SPEECH IN ADDITION TO SPCH. 101, 105, AND 141. AT LEAST FIVE OF THE TWENTY HOURS MUST BE IN COURSES NUMBERED 300 OR HIGHER; SPCH. 301 MUST BE INCLUDED. IN DECLARING A MAJOR IN SPEECH THE STUDENT MAY CHOOSE ONE OF THESE AREAS FOR EMPHASIS: GENERAL SPEECH, PUBLIC ADDRESS, INTERPRETATION, THEATRE ART, SPEECH SCIENCE AND PHONETICS, SPEECH CORRECTION AND AUDIOLOGY. THE STUDENT SHOULD REPORT TO 133 LINCOLN HALL TO BE ASSIGNED AN AREA ADVISER WITH WHOM HE MAY CONFER CONCERNING REQUIRED AND RECOMMENDED COURSES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED WITH THE APPROVAL OF THE STUDENT'S MAJOR ADVISER AND HIS DEPARTMENT HEAD. IF TWO MINOR SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE INCLUDED IN EACH. A MINOR PROGRAM IN ENGLISH MAY NOT INCLUDE MORE THAN THREE HOURS IN LITERATURE COURSES OPEN TO FRESHMEN AND SOPHOMORES AND MAY NOT INCLUDE RHET. 101, 102, 151, 271, AND 272. NO LANGUAGE COURSES MAY SATISFY THE MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THE LANGUAGE DEPARTMENTS.

NOTE: TWO TEACHER-TRAINING CURRICULA ARE OFFERED IN SPEECH. SEE THE CURRICULUM PREPARATORY TO SPEECH CORRECTION WORK AND THE CURRICULUM PREPARATORY TO THE TEACHING OF SPEECH.

LIMITED PARTICIPATION AS A SUBJECT IN LABORATORY OR CLASSROOM EXPERIMENTS MAY BE INCLUDED AS A PARTIAL REQUIREMENT IN 100 AND 200 LEVEL COURSES.

COURSES FOR UNDERGRADUATES

SPCH 101 PRINCIPLES OF EFFECTIVE SPEAKING.

3 HOURS

*SECTION 8F IS RESERVED FOR SUPERIOR STUDENTS INCLUDING JAMES SCHOLARS.

85131	LECT-DISC	A1	8	M W F	130	L H
85149	LECT-DISC	A2	8	M W F	132	L H
85156	LECT-DISC	A3	8	M W F	140	L H
85163	LECT-DISC	A4	8	M W F	242	M E B
85171	LECT-DISC	A5	8	M W F	116	L H
85188	LECT-DISC	B1	9	M W F	130	L H
85195	LECT-DISC	B2	9	M W F	132	L H
85206	LECT-DISC	B3	9	M W F	140	L H
85213	LECT-DISC	B4	9	M W F	242	M E B
85221	LECT-DISC	B5	9	M W F	209	D K H
85238	LECT-DISC	B6	9	M W F	332	ARMORY
85245	LECT-DISC	C1	10	M W F	130	L H
85252	LECT-DISC	C2	10	M W F	218	AGR ENG
85260	LECT-DISC	C3	10	M W F	140	L H
85277	LECT-DISC	C4	10	M W F	242	M E B
85284	LECT-DISC	C5	10	M W F	304	L H
85291	LECT-DISC	C6	10	M W F	209	E B
85302	LECT-DISC	D1	11	M W F	130	L H
85310	LECT-DISC	D2	11	M W F	132	L H
85327	LECT-DISC	D3	11	M W F	140	L H
85334	LECT-DISC	D4	11	M W F	242	M E B
85341	LECT-DISC	D5	11	M W F	212	WOODSHOP
85359	LECT-DISC	X1	12	M W F	130	L H
85366	LECT-DISC	X2	12	M W F	132	L H
85373	LECT-DISC	X3	12	M W F	140	L H
85381	LECT-DISC	E1	1	M W F	130	L H
85398	LECT-DISC	E2	1	M W F	116	L H
85409	LECT-DISC	E3	1	M W F	140	L H
85416	LECT-DISC	E4	1	M W F	242	M E B
85461	LECT-DISC	*8F	2	M W F	262	ARMORY
85423	LECT-DISC	F1	2	M W F	130	L H
85431	LECT-DISC	F2	2	M W F	116	L H
85448	LECT-DISC	F3	2	M W F	140	L H
85455	LECT-DISC	F4	2	M W F	242	M E B

SPCH 101 CONTINUED

85462	LECT-DISC	F5	2	M W F	329	ARMORY
85470	LECT-DISC	G1	3	M W F	130	L H
85487	LECT-DISC	G2	3	M W F	116	L H
85494	LECT-DISC	G3	3	M W F	140	L H
85505	LECT-DISC	H1	4	M W F	130	L H
85512	LECT-DISC	H2	4	M W F	116	L H
85520	LECT-DISC	L1	8-930	TU TH	130	L H
85537	LECT-DISC	L2	8-930	TU TH	242	M E B
85544	LECT-DISC	M1	9-1030	TU TH	140	L H
85551	LECT-DISC	M2	9-1030	TU TH	132	L H
85569	LECT-DISC	N1	930-11	TU TH	130	L H
85576	LECT-DISC	N2	930-11	TU TH	242	M E B
85583	LECT-DISC	P1	1030-12	TU TH	140	L H
85591	LECT-DISC	P2	1030-12	TU TH	132	L H
85601	LECT-DISC	R1	1-230	TU TH	140	L H
85619	LECT-DISC	R2	1-230	TU TH	132	L H
85626	LECT-DISC	T1	230-4	TU TH	140	L H
85633	LECT-DISC	T2	230-4	TU TH	132	L H

SPCH 105 VOICE AND ARTICULATION.

2 HOURS

85658	LECT	I	3	M	100	G H	PADEN
85665	LECT	2	10	TU	100	G H	PADEN
85672	QUIZ	B	9	W F	145	L H	
85680	QUIZ	C	10	W F	145	L H	
85697	QUIZ	D	11	W F	145	L H	
85708	QUIZ	E	1	W F	145	L H	
85715	QUIZ	P	11	TU TH	145	L H	
85722	QUIZ	Q	12	TU TH	145	L H	
85730	QUIZ	R	1	TU TH	145	L H	
85747	QUIZ	S	2	TU TH	145	L H	
85754	QUIZ	T	3	TU TH	145	L H	

SPCH 107 PARLIAMENTARY PROCEDURE.

2 HOURS

85761	LECT-DISC	P	11	TU TH	255	ARMORY	MURPHY
85779	LECT-DISC	R	1-3	TH	49	L I R	BROADRICK

SPCH 111 VERBAL COMMUNICATION.

4 HOURS

85786	LECT	1	10	TU		AUDITORIUM	THOMAS & STAFF
85793	LECT	2	1	TU		AUDITORIUM	THOMAS & STAFF
85804	DISC	A1	8	M W F	262	ARMORY	
85811	DISC	A2	8	M W F	330	ARMORY	
85829	DISC	A3	8	M W F	429	ARMORY	
85836	DISC	A4	8	M W F	143	A H	
85843	DISC	A5	8	M W F	148	ADMIN	
85851	DISC	A6	8	M W F	136	M E B	
85868	DISC	A7	8	M W F	304	L H	
85875	DISC	B1	9	M W F	136	M E B	
85882	DISC	B2	9	M W F	330	ARMORY	
85890	DISC	B3	9	M W F	429	ARMORY	
85901	DISC	B4	9	M W F	143	A H	
85918	DISC	B5	9	M W F	148	ADMIN	
85925	DISC	C1	10	M W F	136	M E B	
85932	DISC	C2	10	M W F	330	ARMORY	
85940	DISC	C3	10	M W F	429	ARMORY	
85957	DISC	C4	10	M W F	143	A H	
85964	DISC	C5	10	M W F	148	ADMIN	
85971	DISC	C6	10	M W F	28	COM W	
85989	DISC	D1	11	M W F	136	M E B	
85996	DISC	D2	11	M W F	330	ARMORY	
86009	DISC	D3	11	M W F	429	ARMORY	
86016	DISC	D4	11	M W F	143	A H	
86023	DISC	D5	11	M W F	148	ADMIN	
86031	DISC	X1	12	M W F	136	M E B	
86048	DISC	X2	12	M W F	330	ARMORY	
86055	DISC	X3	12	M W F	429	ARMORY	
86062	DISC	X4	12	M W F	143	A H	
86070	DISC	X5	12	M W F	148	ADMIN	
86087	DISC	X6	12	M W F	116	L H	
86094	DISC	E1	1	M W F	136	M E B	
86105	DISC	E2	1	M W F	330	ARMORY	
86112	DISC	E3	1	M W F	429	ARMORY	
86120	DISC	E4	1	M W F	143	A H	
86137	DISC	E5	1	M W F	148	ADMIN	

SPCH 111 CONTINUED

86144	DISC	F1	2	M W F	136	M E B
86151	DISC	F2	2	M W F	330	ARMORY
86169	DISC	F3	2	M W F	429	ARMORY
86411	DISC	GF4	2	M W F	143	A H
86176	DISC	F5	2	M W F	148	ADMIN
86183	DISC	F6	2	M W F	132	L H
86191	DISC	F7	2	M W F	145	L H
86201	DISC	G1	3	M W F	136	M E B
86219	DISC	G2	3	M W F	330	ARMORY
86226	DISC	G3	3	M W F	429	ARMORY
86233	DISC	G4	3	M W F	143	A H
86241	DISC	G5	3	M W F	148	ADMIN
86258	DISC	G6	3	M W F	132	L H
86265	DISC	G7	3	M W F	145	L H
86272	DISC	H1	4	M W F	143	A H
86280	DISC	H2	4	M W F	330	ARMORY
86297	DISC	H3	4	M W F	429	ARMORY
86308	DISC	L1	8	TU	143	A H
		L1	8-10	TH	143	A H
86315	DISC	L2	8-10	TU	148	ADMIN
		L2	8	TH	148	ADMIN
86322	DISC	L3	8-10	TU	148	ARMORY
		L3	8	TH	148	ARMORY
86330	DISC	N1	9-11	TU	143	A H
		N1	10	TH	143	A H
86347	DISC	N2	10	TU	148	ARMORY
		N2	9-11	TH	148	ARMORY
86354	DISC	P1	11-1230	TU TH	143	A H
86361	DISC	P2	11-1230	TU TH	148	ARMORY
86379	DISC	R1	1-230	TU TH	143	A H
86386	DISC	S1	2-330	TU TH	148	ADMIN
86393	DISC	N3	10	TU	148	ADMIN
		N3	10-12	TH	148	ADMIN
86404	DISC	P3	11-1230	TU TH	149	ADMIN

SPCH 112 VERBAL COMMUNICATION.

PREREQUISITE: SPCH. 111.

4 HOURS

86429	LECT		10	TU	151	E E B
86436	DISC	A	8	M W F	148	ARMORY
86443	DISC	B	9	M W F	148	ARMORY
86451	DISC	C	10	M W F	148	ARMORY
86468	DISC	D	11	M W F	148	ARMORY
86475	DISC	X	12	M W F	148	ARMORY
86482	DISC	E	1	M W F	148	ARMORY
86490	DISC	F	2	M W F	148	ARMORY
86501	DISC	GG	3	M W F	148	ARMORY

SPCH 113 GROUP DISCUSSION AND CONFERENCE LEADERSHIP.

PREREQUISITE: SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.

3 HOURS

86518	LECT-DISC	C	10	M W F	255	ARMORY	MURPHY
86525	LECT-DISC	D	11	M W F	262	ARMORY	
86532	LECT-DISC	E	1	M W F	49	L I R	
86540	LECT-DISC	T	2-4	TU	49	L I R	
		T	3	TH	49	L I R	

SPCH 121 ADVANCED PUBLIC SPEAKING: THE LOGICAL BASES OF DISCOURSE.

PREREQUISITE: SPCH. 101, SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.

3 HOURS

86557	LECT-DISC	B	9	M W F	262	ARMORY	HAYES
86564	LECT-DISC	C	10	M W F	262	ARMORY	WENZEL
86571	LECT-DISC	S	2-330	TU TH	262	ARMORY	CLARK

SPCH 141 ORAL INTERPRETATION.

3 HOURS

*SECTION 6F IS RESERVED FOR SUPERIOR STUDENTS--INCLUDING JAMES SCHOLARS.

86589	LECT-DISC	A	8	M W F	255	ARMORY
86596	LECT-DISC	B1	9	M W F	116	L H
86607	LECT-DISC	B2	9	M W F	325	D K H
86614	LECT-DISC	C1	10	M W F	116	L H
86621	LECT-DISC	C2	10	M W F	8	COM W
86639	LECT-DISC	D	11	M W F	116	L H
86646	LECT-DISC	X	12	M W F	255	ARMORY
86653	LECT-DISC	E1	1	M W F	255	ARMORY
86661	LECT-DISC	E2	1	M W F	262	ARMORY
86735	LECT-DISC	*6F	2	M W F	255	ARMORY
86678	LECT-DISC	G	3	M W F	255	ARMORY
86685	LECT-DISC	L	8-930	TU TH	49	L I R
86692	LECT-DISC	N	930-11	TU TH	49	L I R
86703	LECT-DISC	P	11-1230	TU TH	49	L I R
86711	LECT-DISC	R	1230-2	TU TH	262	ARMORY
86728	LECT-DISC	S	2-330	TU TH	255	ARMORY

SPCH 142 GROUP ORAL INTERPRETATION OF LITERATURE.

PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.

2 HOURS

86742	LECT-DISC	10	TU TH	255	ARMORY	GOLDEN
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SPCH 157 ELEMENTS OF STAGECRAFT.

SAME AS THEAT. 120.

NOT OPEN TO THEATRE MAJORS.

4 HOURS

86750	LECT-DISC	2-4	TU TH	DRAMA RHRS L K RAN
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SPCH 161 FUNDAMENTALS OF ACTING.

SAME AS THEAT. 170

3 HOURS

86767	LECT-DISC	B	9	M W	160	ARMORY
		B	10	M	160	ARMORY
86774	LECT-DISC	C	9		160	ARMORY
		C	10	W F	160	ARMORY
86781	LECT-DISC	E	1	M W	160	ARMORY
		E	2	W	160	ARMORY
86799	LECT-DISC	L	8	TU	160	ARMORY
		L	9	TU TH	160	ARMORY
86800	LECT-DISC	R	1	TU TH	160	ARMORY
		R	2	TU	160	ARMORY

SPCH 177 THE ARTS OF PUBLIC DISCOURSE.

4 HOURS

86817	LECT-DISC		I	M	W	F	112	G	H
86824	QUIZ	1	8				116	L	H
86831	QUIZ	2	11	TU			116	L	H
86849	QUIZ	3	1	TU			116	L	H
86856	QUIZ	4	8			TH	116	L	H
86863	QUIZ	5	11			TH	116	L	H
86871	QUIZ	6	1			TH	116	L	H

SPCH 178 THE ARTS OF THE THEATRE AND INTERPRETATIVE SPEECH.

4 HOURS

86888	LECT-DISC	2	M W F	L H	THEATER	TYMCHYSHYN
86895	QUIZ	1	8	TU	132	L H
86906	QUIZ	2	9	TU	116	L H
86913	QUIZ	3	1	TU	255	ARMORY
86921	QUIZ	4	8	TH	132	L H
86938	QUIZ	5	9	TH	116	L H
86945	QUIZ	6	1	TH	255	ARMORY

SPCH 198 FRESHMAN SEMINAR.

PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.

3 HOURS

86952	LECT-DISC	&C	10	M W F	1205 W OREGON	MUELLER
86960	LECT-DISC	&E	1	M W F	1205 W OREGON	MUELLER

SPCH 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

86977	CONF	A	ARR	DOYLE
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COURSES FOR ADVANCED UNDERGRADUATES

SPCH	201	INTRODUCTION TO EMPIRICAL STUDIES IN SPEECH COMMUNICATION.											
		3 HOURS											
	86984	LECT-DISC		10	M	W	F	49	L	I	R		CLARK
SPCH	203	DRAMATICS FOR TEACHERS.											
		3 HOURS											
	86991	LECT-DISC		11	M	W	F	160	ARMORY				MITCHELL
SPCH	204	SPEECH FOR TEACHERS.											
		3 HOURS											
	87004	LECT-DISC		9	M	W	F	49	L	I	R		
SPCH	208	SPEECH AND HEARING PROBLEMS IN THE CLASSROOM.											
		PREREQUISITE: JUNIOR STANDING.											
		3 HOURS											
	87011	LECT-DISC		9	M	W	F	106	SP CLINIC				ERICKSON
SPCH	211	BUSINESS AND PROFESSIONAL SPEAKING.											
		PREREQUISITE: SPCH. 101.											
		2 HOURS											
	87029	LECT-DISC	L	8	TU	TH		262	ARMORY				OLSON
	87036	LECT-DISC	M	9	TU	TH		262	ARMORY				OLSON
	87043	LECT-DISC	N	10	TU	TH		262	ARMORY				OLSON
SPCH	221	ADVANCED PUBLIC SPEAKING: THE PSYCHOLOGICAL BASES OF DISCOURSE.											
		PREREQUISITE: SPCH. 101 AND JUNIOR STANDING.											
		3 HOURS											
	87051	LECT-DISC	C	10	M	W	F	132	L	H			
	87068	LECT-DISC	E	1	M	W	F	132	L	H			
SPCH	243	ORAL INTERPRETATION OF SHAKESPEARE.											
		PREREQUISITE: SPCH. 141, JUNIOR STANDING.											
		2 HOURS											
	87075	LECT-DISC		11	TU	TH		262	ARMORY				GOLDEN
SPCH	255	FUNDAMENTALS OF PLAY DIRECTING.											
		SAME AS THEAT. 281.											
		PREREQUISITE: SPCH. 161 OR THEAT. 176, AND JUNIOR STANDING.											
		3 HOURS											
	87082	LECT-DISC	B	9-11	M				STUDIO	THTR	KRAN		AHART
			B	10	M				STUDIO	THTR	KRAN		
	87090	LECT-DISC	M	9	TU				STUDIO	THTR	KRAN		AHART
			M	9-11	TH				STUDIO	THTR	KRAN		
SPCH	263	FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.											
		SAME AS RHET. 263, R. TV. AND THEAT. 280.											
		PREREQUISITE: CONSENT OF INSTRUCTOR.											
		3 HOURS											
	87101	LECT-DISC		1	M	W			A	ENSEMBLE	KRAN		AULETTA
				2	M				A	ENSEMBLE	KRAN		
SPCH	291	HONORS COURSE.											
		PREREQUISITE: SENIOR STANDING, A GRADE-POINT AVERAGE OF 4.0 OR CONSENT OF HEAD OF DEPARTMENT.											
		*STUDENTS MAY ACCUMULATE 4 HOURS.											
		*2 HOURS											
	87118	CONF		APR									
SPCH	293	INDIVIDUAL TOPICS.											
		PREREQUISITE: TEN HOURS OF SPEECH, GRADE-POINT AVERAGE OF 3.75, CONSENT OF HEAD OF DEPARTMENT.											
		*STUDENTS MAY ACCUMULATE 4 HOURS.											
		*2 HOURS											
	87125	CONF		ARR									

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPCH 301	GENERAL PHONETICS. PREREQUISITE: JUNIOR STANDING. 3 HOURS, OR 1/2 OR 1 UNIT							
87132	LECT-DISC	9	TU TH	304	L H		PADEN	
87140	QUIZ	2	9	W	330	I H		
87157	QUIZ	3	10	W	330	I H		
87164	QUIZ	4	1	W	330	I H		
87171	QUIZ	5	2	W	330	I H		
SPCH 307	THE ART OF THE SCREEN: NARRATION. SAME AS COMM. 307. PREREQUISITE: TRAINING IN CRITICAL APPROACHES TO LITERATURE, DRAMA, ART, OR MUSIC, AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT							
87189	LECT-DISC	3	M W	430	ARMORY		MUELLER	
		3-5	F	430	ARMORY			
SPCH 311	BRITISH PUBLIC ADDRESS. PREREQUISITE: JUNIOR STANDING. 3 HOURS, OR 1/2 OR 1 UNIT							
87196	LECT-DISC	11	M W F	121	L H		MURPHY	
SPCH 313	INTERPERSONAL COMMUNICATION: DISCUSSION AND INTERVIEW. PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
87207	LECT-DISC	ARR						
SPCH 320	THEORY OF ARGUMENTATION. PREREQUISITE: SPCH. 121 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
87214	LECT-DISC	11	M W F	49	L I R		WENZEL	
SPCH 322	MODERN RHETORICAL THEORY. PREREQUISITE: SENIOR STANDING. 3 HOURS, OR 1/2 OR 1 UNIT							
87221	LECT-DISC	2	M W F	121	L H		NICHOLS	
SPCH 333	STYLE AND DELIVERY. PREREQUISITE: A SOPHOMORE COURSE IN COMPOSITION (WRITTEN OR SPOKEN), AND JUNIOR STANDING; OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
87239	LECT-DISC	9	M W F	255	ARMORY		MACLAY	
SPCH 342	ORAL INTERPRETATION OF POETRY. PREREQUISITE: SPCH. 141. 3 HOURS, OR 1/2 OR 1 UNIT							
87246	LECT-DISC	10	M W F	121	L H		BURNS	
SPCH 345	CONTEMPORARY APPROACHES TO ORAL INTERPRETATION. PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
87253	LECT-DISC	11	M W F	255	ARMORY		MACLAY	
SPCH 361	HISTORY OF THE EUROPEAN THEATRE TO THE RENAISSANCE. SAME AS THEAT. 361. 3 HOURS, OR 1/2 OR 1 UNIT							
87261	LECT-DISC	2	M W F	CONF ROOM	KRAN		SCOTT	
SPCH 366	DEVELOPMENT OF THE AMERICAN THEATRE. SAME AS THEAT. 366. 3 HOURS, OR 1/2 OR 1 UNIT							
87278	LECT-DISC	9	M W F	CONF ROOM	KRAN		ARBENZ	
SPCH 375	SPEECH SCIENCE, I. SAME AS LING. 375. PREREQUISITE: SPCH. 109 OR 301, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT							
87285	LECT-DISC	2	M W F	304	L H		ZEMLIN	

SPCH 378	HEARING SCIENCE. PREREQUISITE: SPCH. 375. 3 HOURS OR 1/2 UNIT	87292	LECT-DISC	8	M W F	324 I H	DANILOFF
SPCH 383	DEVELOPMENT OF SPOKEN LANGUAGE. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	87303	LECT-DISC	8	M W F	106 SP CLINIC	NASCA
SPCH 385	SPEECH PATHOLOGY, I. PREREQUISITE: TEN HOURS OF SPEECH, INCLUDING SPCH. 109, AND PRIOR OR CONCURRENT REGISTRATION IN SPCH. 375, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT	87311	LECT-DISC	9	M W F	304 L H	SIMPSON
SPCH 387	PRACTICUM IN SPEECH DIAGNOSIS AND THERAPY. PREREQUISITE: SPCH. 386, AND 389, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR. *STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS. *3 HOURS OR 1/2 UNIT	87328	LECT-DISC	2-4	M W F	106 SP CLINIC	
SPCH 389	PSYCHOLOGICAL APPRAISAL IN SPEECH PATHOLOGY AND AUDIOLOGY. PREREQUISITE: SPCH. 383 AND 385, A COURSE IN TESTS AND MEASUREMENT, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT	87335	LECT-DISC	10-12 11	TU TH	330 I H 330 I H	DEMARCO
SPCH 391	INTRODUCTION TO HEARING DISORDERS. PREREQUISITE: SPCH. 375 AND 378, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT	87342	LECT-DISC	11	M W F	304 L H	STARK
SPCH 392	SEMINAR IN DEVELOPMENT AND MEASUREMENT OF SPOKEN LANGUAGE. PREREQUISITE: SPCH. 383 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	87350	LECT-DISC	ARR			SHRINER
SPCH 397	MEASUREMENT OF AUDITORY PERCEPTION. PREREQUISITE: SPCH. 391 AND 395. 3 HOURS, OR 1/2 OR 1 UNIT	87367	LECT-DISC	7-PM	M	106 SP CLINIC	O'NEILL
SPCH 398	PRACTICUM IN AUDIOLOGY. PREREQUISITE: SPCH. 389 AND 393. *STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS. *3 HOURS OR 1/2 UNIT	87374	LECT-DISC	ARR			ERICKSON
SPCH 399	DESIGN AND ANALYSIS OF EXPERIMENTS IN SPEECH AND HEARING SCIENCE. PREREQUISITE: GRADUATE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	87381 87399	LECT-DISC A LECT-DISC B	10-12 1-3	M W M W	324 I H 324 I H	DEMARCO DEMARCO

COURSES FOR GRADUATES

SPCH 400	SEMINAR IN DRAMATIC FORM AND STRUCTURE. SAME AS THEAT. 400. PREREQUISITE: SPCH. 361 AND 362, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR. 1 UNIT	87400	LECT-DISC	I	TU TH	CONF ROOM KRN	AULETTA
SPCH 403	SEMINAR FOR TEACHERS OF SPEECH. 1 UNIT	87417	LECT-DISC	ARR			BURNS

SPCH 411	THE GREEK TRADITION IN RHETORIC AND ORATORY.							
	1 UNIT							
87424	LECT-DISC	ARR						
SPCH 420	QUANTITATIVE METHODS IN RHETORICAL ANALYSIS.							
	PREREQUISITE: INTRODUCTORY COURSE IN STATISTICS AND CONSENT OF INSTRUCTOR.							
	1 UNIT							
87431	LECT-DISC	1	M	W	F	121	L	H
								CLARK
SPCH 438	SEMINAR IN RHETORICAL THEORY.							
	*MAY BE REPEATED UP TO A TOTAL OF 4 UNITS.							
	*1 UNIT							
87449	LECT-DISC	1-4	TH			121	L	H
								NICHOLS
SPCH 441	HISTORICAL BACKGROUND OF ORAL INTERPRETATION.							
	1 UNIT							
87456	LECT-DISC	ARR						
SPCH 443	SEMINAR IN THE ORAL INTERPRETATION OF INDIVIDUAL LITERARY STYLES.							
	PREREQUISITE: GRADUATE STANDING; SPCH. 344.							
	*COURSE MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.							
	*1 UNIT							
87463	LECT-DISC	ARR						
SPCH 451	PROBLEMS IN PLAY DIRECTING IN THE EDUCATIONAL THEATRE.							
	SAME AS THEAT. 451.							
	1 UNIT							
87471	LECT-DISC	2	TU	TH		CONF ROOM KRN		BEHRINGER
SPCH 465	SEMINAR IN THEATRE ART.							
	SAME AS THEAT. 465.							
	*STUDENTS MAY ACCUMULATE TWO UNITS.							
	*1 UNIT							
87488	LECT-DISC	9	TU	TH		CONF ROOM KRN		HEWITT
SPCH 469	THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.							
	SAME AS ENGL. AND THEAT. 469.							
	PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY, CONSENT OF INSTRUCTOR.							
	1 UNIT							
87495	LECT-DISC	1	M	W	F	194	L	H
								SHATTUCK
SPCH 472	PSYCHOACOUSTICS OF SPEECH.							
	PREREQUISITE: SPCH. 375, 376, 391 OR CONSENT OF INSTRUCTOR.							
	1 UNIT							
	*TWO HOURS TO BE ARRANGED.							
87506	LECT-DISC	*8-10	TU	TH		330	I	H
								DANILOFF
SPCH 475	EXPERIMENTAL PHONETICS, I.							
	SAME AS LING. 475.							
	PREREQUISITE: CONSENT OF INSTRUCTOR.							
	1 UNIT							
87513	LECT-DISC	1-4	TU			330	I	H
								ZEMLIN
SPCH 482	SEMINAR IN STUTTERING.							
	PREREQUISITE: SPCH. 388.							
	1 UNIT							
87521	LECT-DISC	330-5	M	W		106	SP CLINIC	SILVERMAN

SPCH 486 ADVANCED CLINICAL TECHNIQUES IN SPEECH AND HEARING.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 4 UNITS
 THE FOLLOWING TOPICS ARE OFFERED EACH SEMESTER:
 *SECTION A: THEORY OF CLINICAL PRACTICE.
 *SECTION B: SPEECH PATHOLOGY.
 *SECTION C: AUDIOLOGY.
 *SECTION D: LANGUAGE DISORDERS.
 *SECTION E: FIELD STUDY.

87538	LECT-DISC *A	ARR				STAFF
87545	LECT-DISC *B	ARR				STAFF
87552	LECT-DISC *C	ARR				STAFF
87560	LECT-DISC *D	ARR				STAFF
87577	LECT-DISC *E	ARR				STAFF

SPCH 488 DIAGNOSTIC PROCEDURES IN PATHOLOGIES OF SPEECH AND LANGUAGE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

87584	LECT-DISC	3-430	TH	116	L H	SANDERS
		9-1030	F	106	SP CLINIC	

SPCH 489 SEMINAR IN OROFACIAL AND LARYNGEAL PATHOLOGIES OF SPEECH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
 *1 UNIT
 THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, EACH SEMESTER:
 SECTION A: CLEFT PALATE.
 SECTION B: ORGANIC VOCAL PROBLEMS.

87591	LECT-DISC A	7-PM	TU	510	E CHALMERS	SIMPSON
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SPCH 491 SEMINAR IN HEARING DISORDERS.
 PREREQUISITE: SPCH. 391.
 *MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS.
 *1 UNIT
 THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH SEMESTER:
 SECTION A: AUTOMATIC AUDIOMETRY.
 SECTION B: AURAL REHABILITATION.
 SECTION C: HEARING AIDS AND AMPLIFICATION.

87602	LECT-DISC A	1-3	M W	324	I H	STARK
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SPCH 495 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF THE HEAD OF THE DEPARTMENT.
 *OPEN TO MASTERS CANDIDATES FOR ONE UNIT, TO DOCTORS CANDIDATES FOR ONE OR TWO UNITS.
 *1 OR 2 UNITS

87610	CONF	A	ARR			
87634	CONF	B	1-230	TU TH	324	I H SANDERS
87641	CONF	C	ARR			SHRINER
87659	CONF	D	ARR			SILVERMAN
87627	CONF	E	ARR			

SPCH 499 THESIS RESEARCH.
 0 TO 4 UNITS
 INSTRUCTORS: ANDERSON, BEHRINGER, BROADRICK, BURNS, CLARK, DANILOFF, HEWITT, INCE, KIM, LOCKE, MACLAY, MURPHY, NEBERGALL, NICHOLS, O'NEILL, SCOTT, SHATTUCK, SHRINER, SILVERMAN, STARK, WENZEL, ZEMLIN

87666	CONF	ARR				
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THEATRE

DEPARTMENT OFFICE

4-122 KRANNERT CENTER

COURSES FOR UNDERGRADUATES

THEAT 100	PRACTICUM, I.									
	PREREQUISITE: CONSENT OF INSTRUCTOR FOR NON-THEATRE MAJORS.									
	1 TO 3 HOURS									
	*FIVE HOURS TO BE ARRANGED.									
87673	LAB-DISC	B	*9		F	DRAMA RHRSL KRN	KRAFFT			
87681	LAB-DISC	S	*3	M		DRAMA RHRSL KRN	KRAFFT			
THEAT 101	THEATRE: MODERN FORMS.									
	4 HOURS									
	87698	LECT-DISC		1	M	W	DRAMA RHRSL KRN	KRAFFT		
			12-2		F	DRAMA RHRSL KRN				
THEAT 103	THEATRE: CLASSICAL AND MEDIEVAL FORMS.									
	PREREQUISITE: THEAT. 101.									
	3 HOURS									
87709	LECT-DISC		9	M	W	F	A ENSEMBLE KRN	TYMCHYSHYN		
THEAT 105	17TH AND 18TH CENTURY FORMS.									
	PREREQUISITE: THEAT. 101.									
	3 HOURS									
87716	LECT-DISC		10	M	W	F	ORCH RHRSL	KRAFFT		
THEAT 111	MATERIALS AND PROCESSES: TEXTILES.									
	2 HOURS									
	*FOUR HOURS TO BE ARRANGED.									
87723	LECT-DISC		*10-12	TU	TH	CONF ROOM KRN	KRAFFT			
THEAT 120	ELEMENTS OF STAGECRAFT.									
	SAME AS SPCH. 157.									
	NOT OPEN TO THEATRE MAJORS.									
	4 HOURS									
87731	LECT-DISC		2-4	TU	TH	DRAMA RHRSL KRN				
THEAT 121	SCENECRAFT.									
	OPEN TO STUDENTS IN FINE AND APPLIED ARTS ONLY.									
	2 HOURS									
	*FOUR HOURS TO BE ARRANGED.									
87748	LECT-DISC		*11		W	F	STUDIO THTR KRN	WORKS		
THEAT 131	STAGE LIGHTING AND SOUND EFFECTS.									
	3 HOURS									
	*ONE HOUR TO BE ARRANGED.									
87755	LECT-DISC	P	*11-1	M		STUDIO THTR KRN	BRADY			
		P	*12		W	STUDIO THTR KRN				
87762	LECT-DISC	R	*1	TU	TH	STUDIO THTR KRN	BRADY			
		R	*2		TH	STUDIO THTR KRN				
THEAT 140	COSTUME CONSTRUCTION.									
	2 HOURS									
	*FOUR HOURS TO BE ARRANGED.									
87770	LECT-DISC		*1	TU	TH	COSTUME SHP KRN	PAVELIN			
THEAT 141	MAKEUP FOR THE THEATRE, I.									
	2 HOURS									
	87787	LAB-DISC		1-3	M	W	PLAYHS DRES KRN	FRANKLIN-WHITE		
THEAT 142	MAKEUP FOR THE THEATRE, II.									
	PREREQUISITE: THEAT. 141.									
	2 HOURS									
87794	LAB-DISC		3-5	TU	TH	PLAYHS DRES KRN	FRANKLIN-WHITE			

THEAT 170 FUNDAMENTALS OF ACTING.
SAME AS SPCH. 161.

3 HOURS

87805	LECT-DISC	B	9	M	W	160	ARMORY
		B	10	M		160	ARMORY
87812	LECT-DISC	C	9		F	160	ARMORY
		C	10		W F	160	ARMORY
87820	LECT-DISC	E	1	M	W	160	ARMORY
		E	2		W	160	ARMORY
87837	LECT-DISC	L	8	TU		160	ARMORY
		L	9	TU TH		160	ARMORY
87844	LECT-DISC	R	1	TU TH		160	ARMORY
		R	2	TU		160	ARMORY

THEAT 171 SPEECH FOR THE STAGE: FUNDAMENTALS.

2 HOURS

87851	LECT-DISC	F	2	M	W	F	B ENSEMBLE KRAN
87869	LECT-DISC	D	11	M	W	F	B ENSEMBLE KRAN
87876	LECT-DISC	M	9-11	TU			B ENSEMBLE KRAN
		M	10		TH		B ENSEMBLE KRAN

THEAT 173 SPEECH FOR THE STAGE: DIALECTS.

PREREQUISITE: THEAT. 172.

2 HOURS

87883	LECT-DISC	F	2	M	W	F	DRAMA RHRSL KRAN	
87891	LECT-DISC	P	12	TU			DRAMA RHRSL KRAN	ARBENZ
		P	11-1		TH		DRAMA RHRSL KRAN	
87901	LECT-DISC	P	11-1	TU			DRAMA RHRSL KRAN	ARBENZ
		R	11		TH		DRAMA RHRSL KRAN	

THEAT 174 MOVEMENT FOR THE STAGE: IMPROVISATION.

2 HOURS

87919	LECT-DISC	B	9-11	M	W		DRAMA RHRSL KRAN	FRANKLIN-WHITE
87926	LECT-DISC	M	9-11	TU TH			DRAMA RHRSL KRAN	

THEAT 176 CHARACTERIZATION.

PREREQUISITE: THEAT. 175.

3 HOURS

87933	LECT-DISC	E	1-3	M			STUDIO THTR KRAN	AHART
		E	1		W		STUDIO THTR KRAN	
87941	LECT-DISC	R	1-3		F		STUDIO THTR KRAN	ARBENZ
		R	2		W		STUDIO THTR KRAN	

THEAT 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

87958	CONF		ARR					STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

THEAT 220 ADVANCED SCENECRAFT.

PREREQUISITE: THEAT. 121.

2 HOURS

87965	LECT-DISC		10-12	TU TH			DESIGN ROOM KRAN	WORKS
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THEAT 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.

SAME AS R. TV. 280 AND RHET. AND SPCH. 263.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS

87972	LECT-DISC		1	M	W		A ENSEMBLE KRAN	AULETTA
			2	M			A ENSEMBLE KRAN	

THEAT 281 DIRECTING, I.

SAME AS SPCH. 255.

PREREQUISITE: THEAT. 170 OR 176, AND JUNIOR STANDING.

3 HOURS

87980	LECT-DISC	B	9-11	M			STUDIO THTR KRAN	AHART
		B	10		W		STUDIO THTR KRAN	
87997	LECT-DISC	M	9	TU			STUDIO THTR KRAN	AHART
		M	9-11		TH		STUDIO THTR KRAN	

THEAT 291 INDIVIDUAL TOPICS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS

88000	CONF		ARR					STAFF
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THEAT 292 INDIVIDUAL TOPICS.

2 HOURS

88017

CONF

ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

THEAT 300 PRACTICUM, II.

PREREQUISITE: FOR NON-THEATRE MAJORS; CONSENT OF INSTRUCTOR.

*MAY BE REPEATED TO A TOTAL OF 12 HOURS OR 2 UNITS

*1 TO 3 HOURS, OR 1/4 TO 1/2 UNIT

FIVE HOURS TO BE ARRANGED.

88024

LAB-DISC C

10

F

DRAMA RHRSL KRN

WORKS

88031

LAB-DISC R

12

TH

CONF ROOM KRN

WORKS

THEAT 353 CREATIVE DRAMATICS FOR CHILDREN.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

88049

LECT-DISC

11

M W F

DRAMA RHRSL KRN

TYMCHYSHYN

THEAT 361 HISTORY OF THE EUROPEAN THEATRE TO THE RENAISSANCE.

SAME AS SPCH. 361.

3 HOURS, OR 1/2 OR 1 UNIT

88056

LECT-DISC

2

M W F

CONF ROOM KRN

SCOTT

THEAT 366 DEVELOPMENT OF THE AMERICAN THEATRE.

SAME AS SPCH. 366.

3 HOURS, OR 1/2 OR 1 UNIT

88063

LECT-DISC

9

M W F

CONF ROOM KRN

ARBENZ

THEAT 370 STAGE SCENERY DESIGN.

PREREQUISITE: THEAT. 120 AND 281, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

88071

LECT-DISC

9-12

M W

DESIGN ROOM KRN

LLEWELLYN

THEAT 381 DIRECTING, II.

PREREQUISITE: THEAT. 281.

3 HOURS OR 1/2 UNIT

88088

LECT-DISC

10-12

TU

STUDIO THTR KRN

BEHRINGER

11

TH

STUDIO THTR KRN

COURSES FOR GRADUATES

THEAT 400 SEMINAR IN DRAMATIC FORM AND STRUCTURE.

SAME AS SPCH. 400.

PREREQUISITE: THEAT. 361 AND 362, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

1 UNIT

88095

LECT-DISC

1

TU TH

CONF ROOM KRN

AULETTA

THEAT 451 PROBLEMS IN PLAY DIRECTING IN THE EDUCATIONAL THEATRE.

SAME AS SPCH. 451.

1 UNIT

88106

LECT-DISC

2

TU TH

CONF ROOM KRN

BEHRINGER

THEAT 465 SEMINAR IN THEATRE ART.

SAME AS SPCH. 465.

*STUDENTS MAY ACCUMULATE 2 UNITS.

*1 UNIT

88113

LECT-DISC

9

TU TH

CONF ROOM KRN

HEWITT

THEAT 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.

SAME AS ENGL. AND SPCH. 469.

PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY; CONSENT OF INSTRUCTOR.

1 UNIT

88121

LECT-DISC

1

M W F

194 L H

SHATTUCK

THEAT 491 SPECIAL PROBLEMS.

1/2 TO 2 UNITS

88138

CONF

ARR

STAFF

THEORETICAL AND APPLIED MECHANICS

DEPARTMENT OFFICE

212 T L

COURSES FOR UNDERGRADUATES

T A M 150 ANALYTICAL MECHANICS--STATICS.
PREREQUISITE: PHYCS. 101 OR 106 OR D. G. S. 141 AND REGISTRATION IN
MATH. 142 OR 143.
2 HOURS

88152	LECT-DISC L	8	TU TH	102	WOODSHOP
88160	LECT-DISC P	11	TU TH	102	WOODSHOP
88177	LECT-DISC R	1	TU TH	102	WOODSHOP
88184	LECT-DISC S	2	TU TH	102	WOODSHOP
88191	LECT-DISC T	3	TU TH	102	WOODSHOP

T A M 152 ENGINEERING MECHANICS, I--STATICS.
PREREQUISITE: PHYCS. 106 AND REGISTRATION IN MATH. 142 OR 143.
3 HOURS

88202	LECT-DISC A	8	M W F	102	WOODSHOP
88210	LECT-DISC B	9	M W F	105G	WOODSHOP
88227	LECT-DISC C	10	M W F	102	WOODSHOP
88234	LECT-DISC F	2	M W F	102	WOODSHOP
88241	LECT-DISC M	930-11	TU TH	105G	WOODSHOP

T A M 154 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR
143.

4 HOURS

88259	LECT-DISC A1	8	MTU THF	105B	WOODSHOP
88266	LECT-DISC A2	8	MTU THF	105C	WOODSHOP
88273	LECT-DISC B1	9	MTU THF	105B	WOODSHOP
88281	LECT-DISC B2	9	MTU THF	105C	WOODSHOP
88298	LECT-DISC C1	10	MTU THF	105B	WOODSHOP
88309	LECT-DISC C2	10	MTU THF	105C	WOODSHOP
88316	LECT-DISC D1	11	MTU THF	105B	WOODSHOP
88323	LECT-DISC D2	11	MTU THF	105C	WOODSHOP
88331	LECT-DISC E1	1	MTU THF	105B	WOODSHOP
88348	LECT-DISC E2	1	MTU THF	105C	WOODSHOP
88355	LECT-DISC F1	2	MTU THF	105B	WOODSHOP
88362	LECT-DISC F2	2	MTU THF	105C	WOODSHOP
88370	LECT-DISC G1	3	MTU THF	105B	WOODSHOP
88387	LECT-DISC G2	3	MTU THF	105C	WOODSHOP
88394	LECT-DISC H	4	MTU THF	105B	WOODSHOP

T A M 156 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR
143.

5 HOURS

88405	LECT-DISC A	8	MTUWTHF	105F	WOODSHOP
88412	LECT-DISC B1	9	MTUWTHF	306B	T L
88420	LECT-DISC B2	9	MTUWTHF	102	WOODSHOP
88437	LECT-DISC F	2	MTUWTHF	105F	WOODSHOP
88444	LECT-DISC H	4	MTUWTHF	105F	WOODSHOP

T A M 171 ELEMENTS OF MECHANICS.
FOR NON-ENGINEERING STUDENTS WHO DO NOT TAKE CALCULUS.
PREREQUISITE: MATH. 122.

3 HOURS

88451	LECT-DISC D	11	M W F	4	T L
88469	LECT-DISC E	1	M W F	104	WOODSHOP

T A M 172 STRENGTH OF MATERIALS.

PREREQUISITE: T. A. M. 171.

3 HOURS

88476	LECT-DISC	C	10	M W F	104	WOODSHOP
88483	LECT-DISC	E	1	M W F	105F	WOODSHOP
88491	LECT-DISC	F	2	M W F	105G	WOODSHOP
88501	LECT-DISC	G	3	M W F	104	WOODSHOP
88519	LECT-DISC	H	4	M W F	104	WOODSHOP
88526	LECT-DISC	S	230-4	TU TH	105G	WOODSHOP

T A M 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

88533 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

T A M 211 ANALYTICAL MECHANICS--DYNAMICS.

PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.

3 HOURS

*FOR ARCHITECTURE STUDENTS ONLY.

88541	LECT-DISC	A	8	M W F	104	WOODSHOP
88558	LECT-DISC	D	11	M W F	105F	WOODSHOP
88565	LECT-DISC	E	1	M W F	102	WOODSHOP
88572	LECT-DISC	*F	2	M W F	104	WOODSHOP

T A M 212 ENGINEERING MECHANICS, II--DYNAMICS.

PREREQUISITE: PHYCS. 106, T. A. M. 152, MATH. 143.

3 HOURS

88580	LECT-DISC	B	9	M W F	104	WOODSHOP
88597	LECT-DISC	D	11	M W F	104	WOODSHOP

T A M 221 ELEMENTARY MECHANICS OF DEFORMABLE BODIES.

PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.

3 HOURS

88608	LECT-DISC	A	8	M W F	306B	T L
88615	LECT-DISC	B1	9	M W F	105F	WOODSHOP
88622	LECT-DISC	B2	9	M W F	4	T L
88630	LECT-DISC	C1	10	M W F	105F	WOODSHOP
88647	LECT-DISC	C2	10	M W F	105G	WOODSHOP
88654	LECT-DISC	D	11	M W F	102	WOODSHOP
88661	LECT-DISC	E	1	M W F	225A	T L
88679	LECT-DISC	F	2	M W F	306B	T L
88686	LECT-DISC	G	3	M W F	105F	WOODSHOP
88693	LECT-DISC	M	930-11	TU TH	105F	WOODSHOP
88704	LECT-DISC	S	230-4	TU TH	306B	T L

T A M 223 MECHANICAL BEHAVIOR OF SOLIDS.

PREREQUISITE: REGISTRATION IN T. A. M. 221.

1 HOUR

*SECTION E AND SECTION N FOR ARCHITECTURE STUDENTS.

88743	LAB	*E	1-3	M	225	T L
88711	LAB	T1	3-5	TU	236	M E B
88729	LAB	T2	3-5	TU	238	M E B
88736	LAB	T3	3-5	TU	242	M E B
88751	LAB	*N	10-12	TH	225	T L

T A M 224 BEHAVIOR OF MATERIALS.

PREREQUISITE: T. A. M. 221.

3 HOURS

88768	LECT-DISC	A	8	M W F	225A	T L
88775	LECT-DISC	C	10	M W F	225A	T L
88782	LECT-DISC	F	2	M W F	225A	T L

T A M 235 FLUID MECHANICS.
PREREQUISITE: T. A. M. 211 OR 212.
4 HOURS

88790	LECT-DISC	A	8	M W F	305	T L
	LAB	A	8-10	TH	126	T L
88801	LECT-DISC	B	9	M W F	305	T L
	LAB	B	3-5	TH	126	T L
88818	LECT-DISC	C	10	M W F	305	T L
	LAB	C	10-12	TU	126	T L
88825	LECT-DISC	D	11	M W F	305	T L
	LAB	D	10-12	TH	126	T L
88832	LECT-DISC	E	1	M W F	305	T L
	LAB	E	3-5	TU	126	T L
88840	LECT-DISC	F	2	M W F	305	T L
	LAB	F	8-10	TU	126	T L
88857	LECT-DISC	G	3	M W F	305	T L
	LAB	G	1-3	TU	126	T L

T A M 293 SENIOR RESEARCH PROJECT.
PREREQUISITE: SENIOR STANDING IN ENGINEERING MECHANICS.
2 HOURS

88864	LECT-DISC	R	1-3	TU TH	403	M M B
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T A M 299 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
3 HOURS

88871	CONF	ARR
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

T A M 311 MECHANICAL VIBRATIONS.
PREREQUISITE: T. A. M. 154 OR 156 OR 211 OR 212 AND 221.
*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
*3 HOURS, OR 1/2 TO 1 UNIT

88889	LECT-DISC	E	1	M W F	306B	T L
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T A M 314 ADVANCED DYNAMICS FOR ENGINEERS.
PREREQUISITE: T. A. M. 211 OR EQUIVALENT, MATH. 341 OR 345.
3 HOURS OR 1 UNIT

88896	LECT-DISC	D	11	M W F	306B	T L
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T A M 321 ADVANCED MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 221 AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT

88907	LECT-DISC	G	3	M W F	306B	T L
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T A M 324 FLOW AND FRACTURE OF STRUCTURAL METALS.
PREREQUISITE: T. A. M. 221 AND 224 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT

88914	LECT-DISC	R	1-3	TU TH	305	T L
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T A M 326 EXPERIMENTAL STRESS ANALYSIS.
PREREQUISITE: T. A. M. 150, 211, 212, 221, AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT

88921	LAB-DISC	N	10-12	TU TH	302C	T L
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T A M 351 FUNDAMENTAL CONCEPTS OF DEFORMABLE BODY MECHANICS.
PREREQUISITE: T. A. M. 221; MATH. 343 AND 345.
3 HOURS OR 1 UNIT

88939	LECT-DISC	B	9	M W F	225A	T L
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T A M 392 ANALYSIS AND SYNTHESIS OF PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT

88946	LECT-DISC	N	10-1130	TU TH	4	T L
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COURSES FOR GRADUATES

T A M 400 SEMINAR IN ENGINEERING MECHANICS.
1/4 UNIT

88953	LECT-DISC	L	ARR
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SINCLAIR

T A M 416	ENERGY PRINCIPLES IN ENGINEERING MECHANICS. PREREQUISITE: T. A. M. 451. 1 UNIT	88961	LECT-DISC C	10	M W F	306B T L	LANGHAAR AND MILLER
T A M 417	STOCHASTIC STRUCTURAL DYNAMICS. SAME AS A. A. E. 452. PREREQUISITE: A. A. E. 255 OR T. A. M. 412 OR EQUIVALENT. 1 UNIT	88978	LECT-DISC A	930-11	TU TH	203 T B	
T A M 425	MECHANICS OF INELASTIC BODIES. PREREQUISITE: T. A. M. 321. 1/2 TO 1 UNIT	88985	LECT-DISC E	1	M W F	105G WOODSHOP	SIDEBOTTOM AND SMITH
T A M 427	THEORIES OF MECHANICAL PROPERTIES AND BEHAVIOR OF PLAIN CONCRETE. PREREQUISITE: B. S. IN ENGINEERING. 1/2 TO 1 UNIT	88992	LECT-DISC D	11	M W F	105G WOODSHOP	KESLER
T A M 428	ANALYSIS OF NONLINEAR SYSTEMS. SAME AS E. E. 428. PREREQUISITE: MATH. 341 AND CONSENT OF INSTRUCTOR. 1 UNIT	89005	LECT-DISC B	9	M W F	302C T L	WORLEY
T A M 431	THEORY OF IDEAL FLUID FLOW. PREREQUISITE: ELEMENTARY COURSE IN FLUID FLOW, ADVANCED CALCULUS. 1 UNIT	89012	LECT-DISC L	8-10	TU TH	305 T L	ROBERTSON
T A M 438	TURBULENCE. PREREQUISITE: T. A. M. 432 OR EQUIVALENT. 1 UNIT	89020	LECT-DISC T	3-5	TU TH	305 T L	ROBERTSON
T A M 441	APPLIED ANALYSIS IN ENGINEERING, I. PREREQUISITE: MATH. 143. 1 UNIT	89037	LECT-DISC A	8	M W F	105G WOODSHOP	COSTELLO
T A M 451	THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS, I. PREREQUISITE: T. A. M. 221, MATH. 343, 341 OR EQUIVALENT. 1 UNIT	89044	LECT-DISC N	10-12	TU TH	306B T L	BORESI
T A M 457	CLASSICAL ELASTOSTATICS. PREREQUISITE: T. A. M. 451 OR EQUIVALENT AND CONSENT OF INSTRUCTOR. 1 UNIT	89051	LECT-DISC G	3	M W F	105G WOODSHOP	STIPPES
T A M 460	CONTINUUM MECHANICS, II. PREREQUISITE: T. A. M. 360. 1 UNIT	89069	LECT-DISC N	10-12	TU TH	225A T L	CARLSON
T A M 485	FRACTURE MECHANICS. PREREQUISITE: T. A. M. 324 AND 451, OR CONSENT OF INSTRUCTOR. 1 UNIT	89076	LECT-DISC N	10-12	TU TH	305 T L	GALLAGHER

T A M 493 ADVANCED INDEPENDENT STUDY--SPECIAL RESEARCH.

1/2 TO 2 UNITS

89083	CONF	A	ARR	BORESI
89091	CONF	B	ARR	BOWMAN
89101	CONF	C	ARR	CLARK
89119	CONF	D	ARR	CORTEN
89126	CONF	E	ARR	JONES
89133	CONF	F	ARR	KESLER
89141	CONF	G	ARR	LANGHAAR
89158	CONF	H	ARR	MORROW
89165	CONF	J	ARR	ROBERTSON
89172	CONF	K	ARR	SIDEBOTTOM
89180	CONF	L	ARR	SINCLAIR
89197	CONF	M	ARR	SMITH
89208	CONF	N	ARR	STIPPES
89215	CONF	O	ARR	TAYLOR
89222	CONF	P	ARR	WORLEY
89230	CONF	Q	ARR	COSTELLO
89247	CONF	R	ARR	MILLER
89254	CONF	S	ARR	WETENKAMP
89261	CONF	T	ARR	CARLSON
89279	CONF	U	ARR	GALLAGHER
89286	CONF	X	ARR	STAFF

T A M 499 THESIS RESEARCH.

0 TO 4 UNITS

89293	CONF	A	ARR	BORESI
89304	CONF	B	ARR	BOWMAN
89311	CONF	C	ARR	CLARK
89329	CONF	D	ARR	CORTEN
89336	CONF	E	ARR	JONES
89343	CONF	F	ARR	KESLER
89351	CONF	G	ARR	LANGHAAR
89368	CONF	H	ARR	MORROW
89375	CONF	J	ARR	ROBERTSON
89382	CONF	K	ARR	SIDEBOTTOM
89390	CONF	L	ARR	SINCLAIR
89401	CONF	M	ARR	SMITH
89418	CONF	N	ARR	STIPPES
89425	CONF	O	ARR	TAYLOR
89432	CONF	P	ARR	WORLEY
89440	CONF	Q	ARR	COSTELLO
89457	CONF	R	ARR	MILLER
89464	CONF	S	ARR	WETENKAMP
89471	CONF	T	ARR	CARLSON
89489	CONF	X	ARR	STAFF

URBAN PLANNING

DEPARTMENT OFFICE

208 M H

COURSES FOR UNDERGRADUATES

U P 171 PLANNING OF CITIES AND REGIONS.

3 HOURS

*JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR.

STUDENT MUST SELECT ONE LECTURE AND ONE DISCUSSION SECTION.

89496	LECT	B	9	M	W	150	V M	BLAIR & STAFF
89507	LECT	F	2	M	W	135	A S L	BLAIR & STAFF
89514	DISC	B1	9		F	150	V M	
89650	DISC	*B2	9		F	100	1203 W CAL	
89521	DISC	B3	9		F	326	D K H	
89539	DISC	B4	9		F	223	D K H	
89546	DISC	B5	9		F	393	BEV HALL	
89553	DISC	B6	9		F	111	G H	
89561	DISC	B7	9		F	205	G H	
89578	DISC	B8	9		F	329	G H	
89585	DISC	F1	2		F	135	A S L	
89667	DISC	*F2	2		F	100	1203 W CAL	
89592	DISC	F3	2		F	316S	M H	
89603	DISC	F4	2		F	125	D K H	
89611	DISC	F5	2		F	209	D K H	
89628	DISC	F6	2		F	306	D K H	
89635	DISC	F7	2		F	325	D K H	
89642	DISC	F8	2		F	326	D K H	

U P 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *Q TO 9 HOURS
 SECTION B: SELECTED TOPICS.
 89674 CONF B ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

U P 260 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 2 TO 6 HOURS
 89681 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

U P 337 URBAN PLANNING STUDIO, II.
 PREREQUISITE: U. P. 236 OR CONSENT OF INSTRUCTOR.
 6 HOURS, OR 1 TO 1 1/2 UNITS
 *ADDITIONAL HOURS TO BE ARRANGED.
 89699 LAB-DISC *1-6 M W F 30 BEV HALL STAFF

U P 338 URBAN PLANNING STUDIO, III.
 PREREQUISITE: U. P. 337 OR CONSENT OF INSTRUCTOR.
 6 HOURS, OR 1 TO 1 1/2 UNITS
 *ADDITIONAL HOURS TO BE ARRANGED.
 89700 LAB-DISC *1-6 M W F 30 BEV HALL HEIFETZ

U P 376 PLANNING ANALYSIS.
 PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 89717 LECT-DISC 9-1030 TU TH 153 A S L PATTON

U P 377 COMPREHENSIVE PLANNING PROCEDURE.
 PREREQUISITE: U. P. 171.
 3 HOURS OR 1/2 UNIT
 89724 LECT-DISC 1030-12 TU TH 153 A S L GOODMAN

U P 384 URBAN DESIGN AND PLANNING METHODS.
 PREREQUISITE: U. P. 171, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 89731 LECT-DISC 11 M W F 100 1203 W CAL BLAIR

COURSES FOR GRADUATES

U P 487 SEMINAR.
 PREREQUISITE: U. P. 374.
 1/2 UNIT
 *SECTION A: COMPARATIVE PLANNING SYSTEMS.
 *SECTION B: MODEL CITIES.
 *SECTION C: PLANNING METHODS.
 89749 LECT-DISC *A ARR 210 M H KEYES
 89756 LECT-DISC *B ARR 100 1203 W CAL WETMORE
 89763 LECT-DISC *C ARR 100 1203 W CAL BAGBY

U P 488 URBAN PLANNING RESEARCH.
 PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS
 *SECTION A: PROFESSIONAL ORIENTATION FOR FIRST YEAR GRADUATE STUDENTS--1/2 UNIT
 *SECTION B: SELECTED AREAS OF CONCENTRATION.
 89771 LECT-DISC *A 4-6 M 100 1203 W CAL STAFF
 89788 CONF *B ARR STAFF

U P 499 THESIS RESEARCH.
 PREREQUISITE: GRADUATE STANDING IN URBAN PLANNING.
 1/2 TO 2 UNITS
 89795 CONF ARR STAFF

VETERINARY BIOLOGICAL STRUCTURE

DEPARTMENT OFFICE

335 V M

PROFESSIONAL COURSES

V B S 300 GROSS ANATOMY.
PREREQUISITE: REGISTRATION IN THE VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.
5 HOURS
89806 LECT-DISC 9-12 M W FS 350 V M ST CLAIR

V B S 301 HISTOLOGY.
PREREQUISITE: REGISTRATION IN THE VETERINARY CURRICULUM OR CONSENT
OF INSTRUCTOR.
4 HOURS
89813 LECT 1 M THF 150 V M NORMANDIN
89821 LAB A 1-3 TU 334 V M
A 2-4 F 334 V M
89838 LAB B 3-5 M 334 V M
B 2-4 TH 334 V M

VETERINARY CLINICAL MEDICINE

DEPARTMENT OFFICE

103 S A C

PROFESSIONAL COURSES

V C M 360 DISEASES OF SMALL ANIMALS.
PREREQUISITE: THIRD-YEAR STANDING IN VETERINARY CURRICULUM.
5 HOURS
89845 LECT 8 MTUWTHF 253 V M SMALL ANIMAL
CLINIC STAFF

V C M 361 GENERAL VETERINARY SURGERY.
PREREQUISITE: THIRD-YEAR STANDING IN VETERINARY CURRICULUM.
3 HOURS
89852 LECT 10 M WTH 136 V M HARDENBROOK
DISC 10 TU 136 V M

V C M 362 CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
2 HOURS
89860 LAB-DISC 2-4 TU TH V C S A THURMON AND
SMALL ANIMAL
CLINIC STAFF

V C M 363 REPRODUCTION, OBSTETRICS AND GENITAL DISEASES.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
3 HOURS
89877 LECT 9 M W F 136 V M EAGELMAN

V C M 368 DISEASES OF LARGE ANIMALS.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
4 HOURS
89884 LECT 8 MTUWTH 150 V M HATCH, ERWIN

V C M 369 DISEASES OF SMALL ANIMALS.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.
2 HOURS
89891 LECT 9 TU TH 150 V M VCSA STAFF

V C M 370 SEMINAR.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
1 HOUR
89902 LECT-DISC 10 M 150 V M HATCH

V C M 371 CLINICAL AND LABORATORY PRACTICE.

PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.

8 HOURS

89910	LECT		11	MTUWTHF	150	V M	CAWLEY AND VCM STAFF AND VPH STAFF
	LAB		1-5	MTUWTHF		V C S A	
			8-12	S		V C S A	

VETERINARY MEDICAL SCIENCE

DEPARTMENT OFFICE

131 V M

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M S 300 GROSS ANATOMY.

PREREQUISITE: FIVE HOURS OF ZOOLOGY, CONSENT OF INSTRUCTOR.

1 UNIT

89927	LECT-DISC		9-12	M W FS	350	V M	ST CLAIR
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V M S 301 HISTOLOGY.

PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

1 UNIT

89934	LECT		1	M THF	150	V M	NORMANDIN
89941	LAB	A	1-3	TU	334	V M	
		A	2-4	F	334	V M	
89959	LAB	B	3-5	M	334	V M	
		B	2-4	TH	334	V M	

V M S 307 CORRELATIVE MAMMALIAN NEUROANATOMY.

PREREQUISITE: V. B. S. 300, ZOOL. 232, OR CONSENT OF INSTRUCTOR.

1 UNIT

89966	LAB-DISC		ARR				SAFANIE
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V M S 315 VETERINARY PHYSIOLOGY.

PREREQUISITE: SECOND-YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 1/4 UNITS

89973	LECT-DISC		11	M W F	253	V M	DOWNEY
			8	TU	136	V M	
89981	LAB	A	1-5	TU	266	V M	
89998	LAB	B	1-5	TH	266	V M	

V M S 320 PHARMACOLOGY AND TOXICOLOGY.

PREREQUISITE: V. M. S. 318 OR CONSENT OF INSTRUCTOR.

1 UNIT

90004	LECT-DISC		9	TU TH	253	V M	HUBER, LINK
			1-4	M W	253	V M	

V M S 332 VETERINARY MICROBIOLOGY AND IMMUNOLOGY.

PREREQUISITE: V. P. H. 331 OR EQUIVALENT, CONSENT OF INSTRUCTOR.

1 UNIT

90011	LECT		1	M W F	136	V M	MYERS, KILLINGER
90029	LAB	A	9-11	M W	168	V M	
90036	LAB	B	2-4	M W	168	V M	

V M S 333 PROTOZOAN AND ARTHROPOD PARASITES.

PREREQUISITE: COURSES TOTALING TWENTY HOURS IN CHEMISTRY OR ANIMAL BIOLOGY, OR BOTH, CONSENT OF INSTRUCTOR.

3/4 UNIT

90043	LECT		9	TU TH	136	V M	FITZGERALD, IVENS
90051	LAB	A	1-4	TU	168	V M	
90068	LAB	B	1-4	TH	168	V M	

V M S 334 GENERAL PATHOLOGY.

PREREQUISITE: COURSES TOTALING TWENTY-FIVE HOURS IN HISTOLOGY, PARASITOLOGY, PHYSIOLOGY, AND MICROBIOLOGY, AND CONSENT OF INSTRUCTOR.

1 UNIT

90075	LECT		8	M W F	136	V M	REYNOLDS
90082	LAB	A	9-11	M W F	132	V M	
90090	LAB	B	2-4	M W F	132	V M	

V M S 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND
 HORT. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT

90101	LECT		9	TU TH	W109	T H	SEIF
90118	LAB-DISC	1	1-3	TU	W223	T H	
90125	LAB-DISC	2	3-5	TU	W223	T H	
90132	LAB-DISC	3	1-3	W	W223	T H	
90140	LAB-DISC	4	3-5	W	W223	T H	

V M S 346 MANAGEMENT AND DISEASES OF LABORATORY ANIMALS.
 SAME AS V. P. H. 346.
 PREREQUISITE: AT LEAST 2 COURSES IN BIOLOGY OR EQUIVALENT, AND
 CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT

90157	LECT		10	TU F	150	V M	NEWTON
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V M S 369 INTRODUCTION TO HUMAN ECOLOGY.
 SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., SOC., AND
 ZOOL. 369.
 PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY,
 GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.
 *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE
 AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
 *3 OR 5 HOURS, OR 1/2 OR 1 UNIT

90164	LECT-DISC		11	M W F	112	C A	TODD
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V M S 392 SPECIAL PROBLEMS.
 PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM WITH GRADE
 POINT AVERAGE OF 3.5 OR ABOVE.
 *STUDENTS MAY ACCUMULATE ONE UNIT.
 *1/2 UNIT

90171	LAB		ARR				STAFF
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COURSES FOR GRADUATES

V M S 417 MEDICAL MYCOLOGY.
 PREREQUISITE: MCBIO. 326, V. M. S. 332, OR EQUIVALENT.
 1 UNIT

90189	LAB-DISC		ARR				RHOADES, WATRACH
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V M S 418 CONCEPTS AND TOPICS IN IMMUNOLOGY.
 SAME AS BIOL. 418.
 PREREQUISITE: CONSENT OF INSTRUCTOR. MCBIO. 327 AND BIOL. 307
 RECOMMENDED.
 1/2 UNIT

90196	LECT-DISC		ARR				SEGRE
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V M S 445 ADVANCED MACROSCOPIC PATHOLOGY.
 PREREQUISITE: V. M. S. 334, 335 OR EQUIVALENT, AND CONSENT OF
 INSTRUCTOR.
 1/2 OR 1 UNIT

90207	LAB-DISC		ARR				BEAMER, SIMON
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V M S 457 ULTRASTRUCTURAL PATHOLOGY.
 PREREQUISITE: ZOOL. 430--CONSENT OF INSTRUCTOR.
 3/4 OR 1 UNIT

90214	LECT-DISC		ARR				WATRACH
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V M S 459 ADVANCED CORRELATIVE PATHOLOGY.
 PREREQUISITE: V. M. S. 308, 335, 445, 450, OR EQUIVALENT;
 CONSENT OF INSTRUCTOR.
 0 TO 1 1/2 UNITS

90221	LAB-DISC		ARR				SIMON, WATRACH
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V M S 460 ADVANCED VETERINARY PHYSIOLOGY.
 PREREQUISITE: V. M. S. 315, 316, OR EQUIVALENT; CONSENT OF
 INSTRUCTOR.
 1 UNIT

90239	CONF		ARR				LINK
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V M S 464 MINERAL METABOLISM.
 PREREQUISITE: V. M. S. 316 OR PHYSL. 301 AND 302 OR EQUIVALENT;
 CHEM.350 OR 354 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
 3/4 UNIT
 90246 LECT-DISC ARR ANDERSON

V M S 490 SEMINAR.
 REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS VETERINARY MEDICAL
 SCIENCE.
 1/4 UNIT
 90253 DISC 4 W 136 V M WOODS

V M S 491 THE EXPERIMENTAL METHOD IN VETERINARY RESEARCH.
 1/2 UNIT
 90261 LECT ARR LEVINE

V M S 492 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/4 TO 1 UNIT
 90278 LAB ARR STAFF

V M S 499 THESIS RESEARCH.
 0 TO 4 UNITS
 90285 LAB ARR STAFF

VETERINARY MEDICINE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M 392 SPECIAL PROBLEMS.
 PREREQUISITE: PROFESSIONAL STANDING IN VETERINARY CURRICULUM AND
 GRADE POINT AVERAGE OF 3.5.
 *STUDENTS MAY ACCUMULATE 6 HOURS, OR 1 UNIT
 *3 HOURS OR 1/2 UNIT
 90292 LAB ARR STAFF

VETERINARY PATHOLOGY AND HYGIENE

DEPARTMENT OFFICE 137 V M

PROFESSIONAL COURSES

V P H 330 VETERINARY MEDICAL HISTORY AND ORIENTATION.
 PREREQUISITE: FIRST YEAR STANDING IN VETERINARY CURRICULUM.
 1 HOUR
 90303 LECT 1 W 150 V M JONES

V P H 332 VETERINARY MICROBIOLOGY AND IMMUNOLOGY.
 PREREQUISITE: V. P. H. 331 OR CONSENT OF INSTRUCTOR.
 4 HOURS
 90311 LECT 1 M W F 136 V M MYERS
 90328 LAB A 9-11 M W 168 V M KILLINGER
 90335 LAB B 2-4 M W 168 V M

V P H 333 PROTOZOAN AND ARTHROPOD PARASITES.
 PREREQUISITE: SECOND-YEAR STANDING IN VETERINARY CURRICULUM OR
 CONSENT OF INSTRUCTOR.
 3 HOURS
 90342 LECT 9 TU TH 136 V M FITZGERALD
 90350 LAB A 1-4 TU 168 V M IVENS, TODD
 90367 LAB B 1-4 TH 168 V M

V P H 334 GENERAL PATHOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.

5 HOURS									
90374	LECT		8	M	W	F	136	V	M
90381	LAB	A	9-11	M	W	F	132	V	M
90399	LAB	B	2-4	M	W	F	132	V	M

REYNOLDS

V P H 337 CLINICAL PATHOLOGY CONFERENCE.
PREREQUISITE: THIRD YEAR STANDING IN PROFESSIONAL CURRICULUM.
0 CREDIT

90400	DISC		10		TH		150	V	M
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SIMON

V P H 338 CLINICAL PATHOLOGY.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
2 HOURS

90417	LECT		1	TU	F		253	V	M
90424	LAB	A	10-12		F		168	V	M
90431	LAB	B	2-4		F		168	V	M

DORNER

V P H 339 CLINICAL PATHOLOGY CONFERENCE.
PREREQUISITE: V. P. H. 337.
0 CREDIT

90449	DISC		10		TH		150	V	M
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SIMON

V P H 340 DISEASES OF POULTRY.
PREREQUISITE: FOURTH YEAR STANDING IN THE VETERINARY CURRICULUM,
OR CONSENT OF INSTRUCTOR.
3 HOURS

90456	LECT		9	M	W	F	253	V	M
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HANSON

V P H 346 MANAGEMENT AND DISEASES OF LABORATORY ANIMALS.
SAME AS V. M. S. 346.
PREREQUISITE: AT LEAST 2 COURSES IN BIOLOGY OR EQUIVALENT, AND
CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT

90463	LECT		10	TU	F		150	V	M
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NEWTON

VETERINARY PHYSIOLOGY AND PHARMACOLOGY

DEPARTMENT OFFICE

263 V M

V P P 202 PHYSIOLOGY OF DOMESTIC ANIMALS.
PREREQUISITE: CHEM. 101 OR 102 OR EQUIVALENT.
3 HOURS

90471	LECT		10	M	W	F	253	V	M
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BEVILL

PROFESSIONAL COURSES

V P P 315 VETERINARY PHYSIOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.
5 HOURS OR 1 1/4 UNITS

90488	LECT-DISC		11	M	W	F	253	V	M
			8	TU			136	V	M
90495	LAB	A	1-5	TU			266	V	M
90506	LAB	B	1-5		TH		266	V	M

DOWNEY

V P P 319 VETERINARY RADIOPHYSIOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR. FOR NON-VETERINARY STUDENTS, CHEM. 122 AND
133 OR 234, OR EQUIVALENT.
2 HOURS

90513	LECT		8		TH		136	V	M
90521	LAB	A	10-12	TU			232	V	M
90538	LAB	B	10-12		TH		232	V	M

TWARDOCK

V P F 320 PHARMACOLOGY AND TOXICOLOGY.
PREREQUISITE: V. P. P. 318 OR CONSENT OF INSTRUCTOR.
4 HOURS

90545	LECT-DISC	9	TU TH	253	V M	HUBER
		1-4	M W	253	V M	LINK

VOCATIONAL AND TECHNICAL EDUCATION

DEPARTMENT OFFICE 347A EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

VOTEC 101 NATURE OF THE TEACHING PROFESSION.

2 HOURS

*SECTION G: AGRICULTURE.

*SECTION I: INDUSTRIAL EDUCATION.

*SECTION L: HOME ECONOMICS.

90552	LECT-DISC	*G	12	F	28	EDUC	WALKER
		*G	10-12	TH	28	EDUC	WALKER
90560	LECT-DISC	*I	9-12	TH	21	D K H	SPEDL
90577	LECT-DISC	*L	10	TU	25	EDUC	STAFF
		*L	10-12	TH	25	EDUC	STAFF

VOTEC 181 INTRODUCTORY WOODWORK.

4 HOURS

*SECTION A FOR STUDENTS IN OCCUPATIONAL THERAPY CURRICULUM.

90591	LECT	*A	2	M W F	48A	EDUC	STAFF
	LAB	*A	3-5	M W F	48A	EDUC	STAFF
90584	LECT	B	8	TU TH	48A	EDUC	STAFF
	LAB	B	9-12	TU TH	48A	EDUC	STAFF

VOTEC 188 GENERAL SHOP FOR ELEMENTARY AND SPECIAL EDUCATION TEACHERS.

3 HOURS

90602	LECT	A	2	TU TH	48A	EDUC	STAFF
	LAB	A	3-5	TU TH	48A	EDUC	STAFF
90610	LECT	B	630-730PM	TU TH	48A	EDUC	STAFF
	LAB	B	730-930PM	TU TH	48A	EDUC	STAFF

VOTEC 189 INDUSTRIAL PRACTICES.

PREREQUISITE: SOPHOMORE STANDING, ENROLLMENT IN INDUSTRIAL EDUCATION OPTIONS II AND III.

*STUDENTS MAY ACCUMULATE SEVENTEEN HOURS.

*2 OR 3 HOURS

TOTAL ACCUMULATED HOURS TO BE DETERMINED IN CONSULTATION WITH ADVISOR.

90627	PRACT	ARR					STAFF
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VOTEC 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

SECTION A: AGRICULTURAL EDUCATION. 3 HOURS

SECTION B: INDUSTRIAL EDUCATION. 2 HOURS

90634	LECT-DISC	A	7-9PM	TH	33	EDUC	HEMP
90641	LECT-DISC	B	ARR	M W F	38	EDUC	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

VOTEC 240 PRINCIPLES OF VOCATIONAL AND TECHNICAL EDUCATION.

PREREQUISITE: VOTEC. 101 AND PSYCH. 100.

2 HOURS

SECTION E: HOME ECONOMICS EDUCATION.

*SECTION G: AGRICULTURAL EDUCATION.

*SECTION I: INDUSTRIAL EDUCATION.

90659	LECT-DISC	*E	1-4	TH	22	EDUC	SPITZE
90666	LECT-DISC	*G	12	M F	33	EDUC	STAFF
90673	LECT-DISC	*I	1-4	TH	38	EDUC	SPEDL

VOTEC 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS
90681 CONF ARR STAFF

VOTEC 270 TECHNIC AND CURRICULUM DEVELOPMENT FOR TEACHING SECRETARIAL AND OFFICE PRACTICE SUBJECTS.
3 HOURS
90698 LECT-DISC 9 MTUWTHF 8 D K H MAHAFFEY

VOTEC 275 SUMMER EXPERIENCE IN AGRICULTURAL EDUCATION.
PREREQUISITE: HP. ED. 201.
2 OR 3 HOURS.
90709 PRACT ARR STAFF

VOTEC 276 STUDENT TEACHING IN VOCATIONAL AGRICULTURE.
PREREQUISITE: HP. ED. 201 AND VOTEC. 240 OR CONSENT OF INSTRUCTOR AND CONCURRENT ENROLLMENT IN VOTEC. 277.
5 HOURS
90716 PRACT ARR STAFF

VOTEC 277 PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION.
PREREQUISITE: HP. ED. 201, AND VOTEC. 240 OR CONSENT OF INSTRUCTOR AND CONCURRENT ENROLLMENT IN VOTEC. 276.
5 HOURS
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
90723 LECT-DISC 8-10 MTUWTHF 28 EDUC WALKER
90731 LAB A 10 M WTHF 28 EDUC
A 1-5 W 28 EDUC
90748 LAB B 3-5 TU TH 28 EDUC
B 1-5 W 28 EDUC

VOTEC 278 VOCATIONAL EDUCATION IN HOME ECONOMICS FOR ADULTS.
PREREQUISITE: SENIOR STANDING, REGISTRATION IN SE. ED. 241 AND ED. PR. 242.
3 HOURS
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
*TWO HOURS TO BE ARRANGED.
90755 LECT-DISC *9 MTUWTHF 25 EDUC SPITZE
LAB *ARR 22 EDUC

VOTEC 284 ADVANCED METALWORK.
PREREQUISITE: VOTEC. 183.
4 HOURS
90762 LECT 8 TU TH 38 EDUC STERN
LAB 9-12 TU TH 38 EDUC STERN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

VOTEC 349 SPECIAL STUDY AND INVESTIGATION IN VOCATIONAL AND TECHNICAL EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR; DEMONSTRATED ABILITY TO PURSUE SPECIAL STUDY OR INVESTIGATION PROPOSED.
2 TO 4 HOURS, OR 1/2 TO 1 UNIT
*SECTION A IS FOR AGRICULTURAL EDUCATION.
*SECTION B IS FOR BUSINESS EDUCATION.
*SECTION C IS FOR HOME ECONOMICS.
*SECTION D IS FOR INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.
90770 CONF *A ARR STAFF
90787 CONF *B ARR STAFF
90794 CONF *C ARR STAFF
90805 CONF *D ARR STAFF
90812 CONF *E ARR STAFF

VOTEC 383 DEVELOPMENT, ORGANIZATION, AND PRINCIPLES OF INDUSTRIAL EDUCATION.
3 HOURS, OR 1/2 OR 1 UNIT
90820 LECT-DISC 1 M 33 EDUC STERN
1-3 W 33 EDUC STERN

VOTEC 384 THE GENERAL SHOP PROGRAM.
 PREREQUISITE: SIXTEEN HOURS IN APPROPRIATE VOCATIONAL AND TECHNICAL
 EDUCATION COURSES.
 4 HOURS OR 1 UNIT
 WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 90837 LECT 8 M W 38 EDUC STAFF
 LAB 9-12 M W F 38 EDUC STAFF

VOTEC 388 SPECIAL TECHNIQUES OF TEACHING VOCATIONAL INDUSTRIAL SUBJECTS.
 PREREQUISITE: JUNIOR STANDING AND TEN HOURS OF UNDERGRADUATE CREDIT
 IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES.
 4 HOURS OR 1 UNIT
 90844 LECT-DISC 630-PM W 33 EDUC STAFF

COURSES FOR GRADUATES

VOTEC 442 JUNIOR COLLEGE.
 SAME AS HI. ED. 442.
 1 UNIT
 90851 LECT-DISC A 7-9PM TU 331 ARMORY ANDERSON
 90869 LECT-DISC B 1-3 TU 150 ARMORY O BANION

VOTEC 449 INDEPENDENT STUDY.
 PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
 DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
 *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL
 CONSENT OF THE DEAN.
 *1/2 OR 1 UNIT
 *SECTION A: AGRICULTURE.
 *SECTION B: BUSINESS.
 *SECTION C: HOME ECONOMICS.
 *SECTION D: INDUSTRIAL EDUCATION.
 *SECTION E: GENERAL VOTEC.
 90876 CONF *A ARR STAFF
 90883 CONF *B ARR STAFF
 90891 CONF *C ARR STAFF
 90901 CONF *D ARR STAFF
 90919 CONF *E ARR STAFF

VOTEC 451 SUPERVISION IN HOME ECONOMICS EDUCATION.
 1 UNIT
 90926 LECT-DISC 4-6 TU 25 EDUC MATHER

VOTEC 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF VOCATIONAL AND
 TECHNICAL EDUCATION.
 1 UNIT
 *SECTION A IS HOME ECONOMICS EDUCATION.
 *SECTION B IS BUSINESS EDUCATION.
 90933 LECT-DISC *A 7-9PM W 25 EDUC MATHER
 90941 LECT-DISC *B 7-9PM TU 33 EDUC MAHAFFEY

VOTEC 474 SUPERVISED AGRICULTURAL EXPERIENCE IN AGRICULTURAL
 ATIONS PROGRAM.
 PREREQUISITE: VOTEC. 276 AND 277 OR CONSENT OF INSTRUCTOR.
 1/2 UNIT
 90958 LECT-DISC 430-630 M 28 EDUC HEMP

VOTEC 481 HISTORY AND BASIC CONCEPTS OF VOCATIONAL AND TECHNICAL
 EDUCATION.
 1 UNIT
 90965 LECT-DISC 7-930PM TH 28 EDUC STAFF

VOTEC 482 RESEARCH STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION.
 1 UNIT
 90972 LECT-DISC 630-930PM M 382 EDUC BALDWIN

VOTEC 487 SEMINAR IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS
 1 UNIT
 90980 LECT-DISC 7-930PM TU 28 EDUC STAFF

VOTEC 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
 OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
 FOR THE DEGREES OF PH.D. OR ED.D.
 1 TO 2 UNITS
 *SECTION A: AGRICULTURE.
 *SECTION B: BUSINESS.
 *SECTION C: HOME ECONOMICS.
 *SECTION D: INDUSTRIAL EDUCATION.
 *SECTION E: GENERAL VOTEC.

90997	CONF	*A	ARR	STAFF
91000	CONF	*B	ARR	STAFF
91017	CONF	*C	ARR	STAFF
91024	CONF	*D	ARR	STAFF
91031	CONF	*E	ARR	STAFF

VOTEC 491 FIELD STUDY AND THESIS SEMINAR.
 LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
 1 TO 2 UNITS
 *SECTION A: AGRICULTURE.
 *SECTION B: BUSINESS.
 *SECTION C: HOME ECONOMICS.
 *SECTION D: INDUSTRIAL EDUCATION.
 *SECTION E: GENERAL VOTEC.

91049	CONF	*A	ARR	STAFF
91056	CONF	*B	ARR	STAFF
91063	CONF	*C	ARR	STAFF
91071	CONF	*D	ARR	STAFF
91088	CONF	*E	ARR	STAFF

VOTEC 499 THESIS RESEARCH.
 0 TO 4 UNITS
 *SECTION A: AGRICULTURE.
 *SECTION B: HOME ECONOMICS.
 *SECTION C: HOME ECONOMICS.
 *SECTION D: INDUSTRIAL EDUCATION.
 *SECTION E: GENERAL VOTEC.

91095	CONF	*A	ARR	STAFF
91106	CONF	*B	ARR	STAFF
91113	CONF	*C	ARR	STAFF
91121	CONF	*D	ARR	STAFF
91138	CONF	*E	ARR	STAFF

ZOOLOGY

DEPARTMENT OFFICE

287 MORRILL HALL

MAJOR: BIOL. 110 AND 111 AND TWENTY HOURS IN ZOOLOGY, EXCLUDING ZOOLOG. 101, 104, 106, 107, BIOL. 110, 111, 151, AND BIOL. 101 AND 102 AT CHICAGO UNDERGRADUATE DIVISION. STUDENTS WHO HAVE CREDIT IN ZOOLOG. 104 MUST TAKE BOTANY 100 TO SATISFY THE ELEMENTARY SEQUENCE REQUIREMENT. AT LEAST ONE COURSE MUST BE TAKEN IN EACH OF THE FOLLOWING AREA-GROUPS OF COURSES: GENETICS AND DEVELOPMENT (ZOOLOG. 333, BIOL. 210, 211); CELLULAR AND PHYSIOLOGICAL ZOOLOGY (ZOOLOG. 312, 331, BIOL. 307, PHYSIOL. 301 AND 303 OR PHYSIOL. 302 AND 304); ECOLOGY AND BEHAVIOR (ZOOLOG. 340, 342, 343, 345, 346, 369, BIOL. 310); MORPHOLOGY AND SYSTEMATICS (ZOOLOG. 232, 304, 318, 320, 321, 335). BIOL. 203, 204, 251, 351, AND ALL 200-, 300-, AND 400-LEVEL ZOOLOGY COURSES, EVEN IF NOT INCLUDED IN THE PRECEDING AREA LISTS, AUTOMATICALLY COUNT TOWARD THE TWENTY HOURS. ALSO REQUIRED ARE ONE YEAR OF PHYSICS, AT LEAST 3 SEMESTERS OF CHEMISTRY INCLUDING ORGANIC, AND MATHEMATICS THROUGH ANALYTIC GEOMETRY WITH CALCULUS HIGHLY RECOMMENDED. ALSO HIGHLY RECOMMENDED IS ONE COURSE IN GENERAL BOTANY, MICROBIOLOGY, OR GEOLOGY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANIMAL SCIENCE (TO BE CHOSEN FROM COURSES 100, 110, 230, 305 OR 330) ANTHROPOLOGY, BOTANY, CHEMISTRY, EDUCATION, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, AND PSYCHOLOGY.

NOTE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT IS THE GENERAL BIOLOGICAL PREREQUISITE FOR MOST 200 AND 300 LEVEL COURSES.
AN APPROVED GENERAL EDUCATION SEQUENCE IN BIOLOGY WILL GENERALLY BE CONSIDERED AN EQUIVALENT.

COURSES FOR UNDERGRADUATES

ZOOL 104 ELEMENTARY ZOOLOGY.

4 HOURS

91145	LECT	A	9	TU TH	112	G H	INGLE
91152	LECT	B	3	TU TH	112	G H	
91160	LECT	C	3	M W	112	G H	
91177	LAB-DISC	1	8-10	M	338	N H B	
		1	8	F	338	N H B	
91184	LAB-DISC	2	8-10	M	418	N H B	
		2	8	F	418	N H B	
91191	LAB-DISC	3	10-12	M	338	N H B	
		3	10	F	338	N H B	
91202	LAB-DISC	4	10-12	M	418	N H B	
		4	10	F	418	N H B	
91210	LAB-DISC	5	1-3	M	338	N H B	
		5	1	F	338	N H B	
91227	LAB-DISC	6	1-3	M	418	N H B	
		6	1	F	418	N H B	
91234	LAB-DISC	7	3-5	M	338	N H B	
		7	3	F	338	N H B	
91241	LAB-DISC	8	3-5	M	418	N H B	
		8	3	F	418	N H B	
91259	LAB-DISC	9	8-10	TU	338	N H B	
		9	8	TH	330	N H B	
91266	LAB-DISC	10	8-10	TU	418	N H B	
		10	9	TH	330	N H B	
91273	LAB-DISC	11	10-12	TU	338	N H B	
		11	10	TH	330	N H B	
91281	LAB-DISC	12	10-12	TU	418	N H B	
		12	11	TH	330	N H B	
91298	LAB-DISC	13	1-3	TU	338	N H B	
		13	1	TH	330	N H B	
91309	LAB-DISC	14	1-3	TU	418	N H B	
		14	2	TH	330	N H B	
91316	LAB-DISC	15	3-5	TU	338	N H B	
		15	3	TH	330	N H B	
91323	LAB-DISC	16	3-5	TU	418	N H B	
		16	4	TH	330	N H B	
91331	LAB-DISC	17	8-10	W	338	N H B	
		17	9	F	338	N H B	
91348	LAB-DISC	18	8-10	W	418	N H B	
		18	9	F	418	N H B	
91355	LAB-DISC	19	10-12	W	338	N H B	
		19	11	F	338	N H B	
91362	LAB-DISC	20	10-12	W	418	N H B	
		20	11	F	418	N H B	
91370	LAB-DISC	21	1-3	W	338	N H B	
		21	2	F	338	N H B	
91387	LAB-DISC	22	1-3	W	418	N H B	
		22	2	F	418	N H B	
91394	LAB-DISC	23	3-5	W	338	N H B	
		23	4	F	338	N H B	
91405	LAB-DISC	24	3-5	W	418	N H B	
		24	4	F	418	N H B	
91412	LAB-DISC	25	8-10	TH	338	N H B	
		25	8	TU	330	N H B	
91420	LAB-DISC	26	8-10	TH	418	N H B	
		26	9	TU	330	N H B	
91437	LAB-DISC	27	10-12	TH	338	N H B	
		27	10	TU	330	N H B	
91444	LAB-DISC	28	10-12	TH	418	N H B	
		28	11	TU	330	N H B	
91451	LAB-DISC	29	1-3	TH	338	N H B	
		29	1	TU	330	N H B	
91469	LAB-DISC	30	1-3	TH	418	N H B	
		30	2	TU	330	N H B	
91476	LAB-DISC	31	3-5	TH	338	N H B	
		31	3	TU	330	N H B	
91483	LAB-DISC	32	3-5	TH	418	N H B	
		32	4	TU	330	N H B	
91491	LAB-DISC	33	7-9PM	TU	338	N H B	
		33	7PM	TH	338	N H B	
91501	LAB-DISC	34	7-9PM	TU	418	N H B	
		34	7PM	TH	418	N H B	

ZOOL 106 PRINCIPLES OF HEREDITY.
 PREREQUISITE: SOPHOMORE STANDING.
 *CREDIT WILL NOT BE GIVEN FOR ZOOL. 106 OR 107 OR BIOL. 210 AND
 BIOL. 115.
 *3 HOURS
 91519 DISC 9 M W F 124 BUR HALL KITZMILLER

COURSES FOR ADVANCED UNDERGRADUATES

ZOOL 232 COMPARATIVE VERTEBRATE ANATOMY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
 5 HOURS
 91526 LECT 10 M W F 202 N H B
 91533 LAB-DISC A 8-10 M W F 330 N H B
 91541 LAB-DISC B 11-1 M W F 330 N H B
 91558 LAB-DISC C 3-5 M W F 330 N H B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ZOOL 303 INDIVIDUAL TOPICS.
 PREREQUISITE: TWO YEARS OF ZOOLOGY, SENIOR STANDING, APPROVAL
 OF DEPARTMENT.
 2 TO 5 HOURS, OR 1/2 OR 1 UNIT
 91565 CONF 6A ARR

ZOOL 304 FIELD AND SYSTEMATIC ZOOLOGY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT; SENIOR
 STANDING OR CONSENT OF INSTRUCTOR.
 5 HOURS OR 1 UNIT
 91572 LECT 1 TU TH 231 N H B
 91580 LAB A 8-11 TU TH 420 N H B
 91597 LAB B 2-5 TU TH 420 N H B

ZOOL 318 PROTOZOOLOGY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
 5 HOURS OR 1 UNIT
 91608 LECT 1 M W 231 N H B
 91615 LAB A 2-5 M W 208 N L
 91622 LAB B 9-12 M W 208 N L

ZOOL 321 PARASITOLOGY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
 5 HOURS OR 1 UNIT
 91630 LECT 1 TU TH 140 BUR HALL
 91647 LAB A 8-11 TU TH 326 N H B
 91654 LAB B 2-5 TU TH 326 N H B

ZOOL 331 EXPERIMENTAL CYTOLOGY.
 SAME AS BOT. 331.
 PREREQUISITE: BIOL. 210 OR BIOL. 151 OR 251, AND CONSENT OF
 INSTRUCTOR.
 4 HOURS OR 1 UNIT
 91661 LECT 10 TU TH 136 BUR HALL
 LAB 2-5 TU TH 106 H H

ZOOL 333 VERTEBRATE EMBRYOLOGY.
 PREREQUISITE: BIOL. 111 OR 251, OR EQUIVALENT.
 5 HOURS OR 1 UNIT
 91679 LECT 1 3 TU 228 N H B
 91686 LECT 2 3-5 TH 228 N H B
 91693 LAB-DISC A 8-10 M W F 318 N H B
 91704 LAB-DISC B 10-12 M W F 318 N H B
 91711 LAB-DISC C 1-3 M W F 318 N H B
 91729 LAB-DISC D 9-12 TU TH 318 N H B

ZOOL 336 MAMMALOLOGY.
 PREREQUISITE: ZOOL. 232.
 4 HOURS OR 1 UNIT
 ADDITIONAL FIELD WORK REQUIRED AND TO BE ARRANGED.
 91736 LECT 11 TU TH 231 N H B
 91743 LAB A 8-11 TU 415 N H B
 91751 LAB B 8-11 TU 415 N H B

ZOOL	342	WILDLIFE MANAGEMENT AND CONSERVATION. PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT								
	91768	LECT	2	TU TH	302	VIVARIUM		SHOEMAKER		
		LAB	8-12	S	102B	VIVARIUM				
ZOOL	345	ANIMAL ECOLOGY. PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT; SENIOR STANDING OR CONSENT OF INSTRUCTOR. *4 HOURS, OR 3/4 UNIT CREDIT REQUIRES FIELD WORK ON SIX SATURDAYS AND RECOMMENDED FOR THOSE ALSO ENROLLED IN ZOOL. 342--5 HOURS OR 1 UNIT REQUIRES FIELD OR LABORATORY WORK EVERY SATURDAY INCLUDING ONE WEEKEND CAMPING TRIP. *4 OR 5 HOURS, OR 3/4 OR 1 UNIT								
	91775	LECT	4	M W F	124	BUR HALL		GETZ		
		LAB	8-12	S	201	VIVARIUM				
ZOOL	346	ETHOLOGY. SAME AS AN. S. 346. PREREQUISITE: ONE YEAR OF 300-LEVEL COURSES IN ZOOLOGY, PHYSIOLOGY, OR PSYCHOLOGY; CONSENT OF INSTRUCTOR FOR LABORATORY ENROLLMENT. *LECTURE ALONE 3 HOURS OR 1/2 UNITS. *3 OR 5 HOURS, OR 1/2 OR 1 UNIT								
	91782	LECT	9	M W F	202	H H		BANKS & SALME		
	91790	LAB-DISC	A	8-11	TU TH	343	N H B			
ZOOL	351	VIRUSES, I. SAME AS BOT. AND MCBIO. 351. PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY AND CALCULUS RECOMMENDED. 3 HOURS OR 3/4 UNIT								
	91801	LECT	11	M W F	140	BUR HALL		DRAKE		
ZOOL	361	INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES. SAME AS ENTOM. 361 AND HORT. 361. PREREQUISITE: ONE SEMESTER OF ENTOMOLOGY OR ZOOLOGY. 2 HOURS OR 1/2 UNIT								
	91818	LECT-DISC	1	TU TH	W115	T H		JAYCOX		
ZOOL	367	ANALYSIS OF DEVELOPMENT. PREREQUISITE: BIOL. 211 OR ZOOL. 333, AND BIOL. 210, AND ORGANIC CHEMISTRY. 3 HOURS OR 3/4 UNIT								
	91825	LECT-DISC	11	M W F	314	L H		BROWN, STOCU WATTERSON		
ZOOL	369	INTRODUCTION TO HUMAN ECOLOGY. SAME AS GEOG., ANTH., H. ED., PHYSL., PSYCH., SOC. AND V. M. S. 369. PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY. *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS. *3 OR 5 HOURS, OR 1/2 OR 1 UNIT								
	91832	LECT-DISC	11	M W F	112	C A		TODD AND KENDEIGH		

COURSES FOR GRADUATES

ZOOL	408	LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION. SAME AS AN. S. 408. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 1 UNIT								
	91840	LAB	ARR					NALBANDOV		
ZOOL	412	ADVANCED ENDOCRINOLOGY SAME AS AN. S., D. S., AND PHYSL. 412. PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 2 UNITS. *1/2 UNIT TOPIC: TO BE ANNOUNCED.								
	91857	DISC	730-PM	M	140	BUR HALL		NALBANDOV		

ZOOL 433	TOPICS IN DEVELOPMENTAL BIOLOGY.								
	PREREQUISITE: ZOOL. 367.								
	*MAXIMUM CREDIT FOR MASTERS CANDIDATES ONE UNIT, DOCTORAL CANDIDATES THREE UNITS.								
	*1/4 UNIT								
	INSTRUCTORS: BROWN, DAVENPORT, NANNEY, STOCUM, WATTERSON.								BROWN
91864	CONF		ARR						DAVENPORT
									NANNEY, STOCUM
									WATTERSON,
									WHITT
ZOOL 441	ADVANCED COMPARATIVE PHYSIOLOGY.								
	SAME AS PHYSL. 441.								
	PREREQUISITE: CONSENT OF INSTRUCTOR.								
	1/2 UNIT								
	TOPIC: PHYSIOLOGICAL ADAPTATIONS.								
91871	DISC		7-9PM	W		422	BUR HALL		PROSSER
ZOOL 442	ADVANCED COMPARATIVE PHYSIOLOGY LABORATORY.								
	SAME AS PHYSL. 442.								
	PREREQUISITE: PHYSL. 402, 403, 404; CREDIT OR REGISTRATION IN PHYSL. OR ZOOL. 441.								
	1 UNIT								
91889	LAB		1-4	M W		542	BUR HALL		PROSSER
ZOOL 444	CONCEPTS IN ETHOLOGY.								
	PREREQUISITE: ZOOL. 346.								
	1/2 UNIT								
91896	DISC			ARR					WILLSON
ZOOL 445	SEMINAR IN FISH AND WILDLIFE ECOLOGY.								
	PREREQUISITE: ZOOL. 342 OR 345, OR EQUIVALENT.								
	1/2 UNIT								
91907	DISC		4-6	TU		485	N R B		SANDERSON AND BENNETT
ZOOL 491	TOPICS IN POPULATION BIOLOGY.								
	PREREQUISITE: CONSENT OF INSTRUCTOR.								
	*MAY BE REPEATED TO A MAXIMUM OF 4 UNITS.								
	*1/2 UNIT								
91914	DISC			ARR					

ZOOL 499	THESIS RESEARCH.	
	0 TO 4 UNITS	
	ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF VERTEBRATES:	
	VERTEBRATE ANATOMY	FRAZZETTA
	FUNCTIONAL ANATOMY	PROSSER, HEATH
	VERTEBRATE PHYSIOLOGY	
	ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF INVERTEBRATES:	
	HELMINTHOLOGY	KRUIDENIER, SILVERMAN, LEVINE
	INVERTEBRATE ZOOLOGY	MATTESON, SWEENEY
	INVERTEBRATE PHYSIOLOGY	PROSSER, SWEENEY
	PARASITOLOGY	KRUIDENIER, SILVERMAN, ALGER
	PROTOZOOLOGY	SMALL, LEVINE
	EMBRYOLOGY AND BASIC KNOWLEDGE OF CELLS	AND TISSUES:
	CYTOLOGY	DAVENPORT
	DEVELOPMENTAL BIOLOGY	WHITT
	EMBRYOLOGY AND REGENERATION	DAVENPORT, WATTERSON, STOCUM
	TOXICOLOGY	INGLE
	ULTRASTRUCTURE	HALL
	ECOLOGY, PRINCIPLES OF TAXONOMY, NATURAL HISTORY:	
	ECOLOGY	KENDEIGH, WILLSON.
		GHENT, GETZ
		BANKS, HIRSCH, SALMON
	ETHOLOGY	
	HERPETOLOGY	SHOEMAKER, P. SMITH
	ICHTHYOLOGY	MATTESON, BENNETT
	LIMNOLOGY	HOFFMEISTER, LEE, LELAND
	MAMMALOGY	KENDEIGH
	ORNITHOLOGY	EADES
	TAXONOMY	KENDEIGH, SHOEMAKER, SANDERSON
	WILDLIFE	
	GENETICS AND EVOLUTION:	
	GENETICS	KITZMILLER, NANNEY, BROWN,
	EVOLUTIONARY THEORY	FRAZZETTA
91921	CONF	ARR

NON-COMBINED FINAL EXAMINATION SCHEDULE

First Semester, 1970-1971

Monday, January 18, to Tuesday, January 26, 1971

Note: This schedule does not apply to courses in the colleges of Law and Veterinary Medicine, or to combined-section examinations. These schedules will be announced later.

REQUIREMENT

Examinations must be taken at the close of each semester in all courses except those the character of which renders this unnecessary or impracticable.

TIME OF EXAMINATIONS

Instructors must give final examinations at the time specified unless a change is approved *in advance* by the Chancellor. Requests for change should be submitted through the executive officer of the department in which the course is offered and the dean of the appropriate college.

Undergraduate Students. Only the dean of the student's college may approve postponement of the final examination in *individual cases* of undergraduate students.

Graduate Students. The student's instructor is authorized to approve requests for postponement of the final examination in *individual cases* of graduate students.

EVENING EXAMINATIONS

Evening examinations *are not authorized* except for classes regularly scheduled through the semester to meet at 7:00 a.m., 12:00 noon, and after 4:00 p.m. The evening hours for these examinations are specified in the published non-combined examination schedule.

IRREGULARLY SCHEDULED COURSES

The final examination in a sectional course having at least two lectures per week at the same hour must be scheduled according to the sequence (MWF or TTS) in which the lectures occur, irrespective of the credit hours in the course or the time of discussion or laboratory periods.

Examinations in multiple instructional courses combining one lecture with two or more discussion and/or laboratory periods at the same hour should be scheduled according to the sequence in which the discussion and/or laboratory periods fall, irrespective of the lecture hour.

Examinations in courses which include combinations of one meeting each of lecture, discussion, and laboratory, or any two of these, at different hours must be arranged by the instructors concerned within the established period. A conflict examination must be provided if necessary.

If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. This includes graduate seminars. For example, a course regularly meeting from 1:00 to 3:00 p.m. on Monday and Wednesday, or on Wednesday, Thursday, and Friday, must have the examination scheduled from 1:30 to 4:30 p.m. on Tuesday, January 19, *not* Monday, January 25.

For courses regularly meeting on half-hour schedules, e.g., 8:00 to 9:30 a.m. on MF, the half-hour periods should be disregarded, and the examination must be given according to the sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course must be given on Monday, January 25, from 8:00 to 11:00 a.m.

SINGLE MEETING CLASSES

Examinations for courses meeting only once a week for one or more hours are to be arranged by the instructors concerned *within the established examination period* (January 18 to January 26, 1971).

Final examinations for 300- and 400-numbered education courses meeting only once a week will be administered during the first week of the final examination period at the same time, in the same classroom, and on the same weekday scheduled for regular meetings of the course throughout the semester.

CONFLICTS

Non-combined examinations always have precedence over combined examinations, and departments giving combined-section examinations must care for conflicts with non-combined examinations.

Two or more examinations in sequence are not considered "conflicts."

LENGTH OF EXAMINATIONS

The *maximum* limit for undergraduate examinations shall be three hours, except by special arrangement in individual cases approved by the dean of the college concerned. At the discretion of the department, a shorter examination may be given.

Permission to use a room of more than 100 capacity should be requested by the instructor directly from the Office of Space Utilization, 237 Davenport House, extension 3-1230 or 3-1231, starting on December 14, 1970. Permission to use other rooms allocated to another department should be requested from the department to which the room has been allocated.

SUPERVISION OF EXAMINATIONS

Instructors must supervise all examinations and are responsible for seeing that there is no communication of any sort during the examination except with the instructor.

DISCIPLINE FOR ACADEMIC IRREGULARITIES

Cases of academic irregularities shall be handled by the respective schools and colleges, except that cases recommended for suspension or dismissal from the University shall be referred to the appropriate Subcommittee on Student Discipline. For details of procedure, consult Official Notice No. 73, Faculty Letter 78, May 28, 1964. (Revised regulations adopted by the Urbana-Champaign Senate, April 13, 1964, reprinted in the pamphlet *Undergraduate Student Discipline at the University of Illinois*, available in the Office of the Senate Committee on Student Discipline.)

MORNING CLASSES

(a) All courses meeting on the TTS sequence or a combination of the TTS and the MWF sequences.

Classes meeting at:

<i>Seven O'Clock</i>	<i>Eight O'Clock</i>	<i>Nine O'Clock</i>	<i>Ten O'Clock</i>	<i>Eleven O'Clock</i>	<i>Twelve O'Clock</i>
Tues., Jan. 19	Tues., Jan. 26	Tues., Jan. 19	Wed., Jan. 20	Thurs., Jan. 21	Mon., Jan. 18
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

(b) All courses meeting on the MWF sequence only.

Classes meeting at:

<i>Seven O'Clock</i>	<i>Eight O'Clock</i>	<i>Nine O'Clock</i>	<i>Ten O'Clock</i>	<i>Eleven O'Clock</i>	<i>Twelve O'Clock</i>
Tues., Jan. 19	Mon., Jan. 25	Mon., Jan. 18	Fri., Jan. 22	Sat., Jan. 23	Tues., Jan. 26
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

AFTERNOON CLASSES

(a) All courses meeting on the MWF sequence, or a combination of the MWF and the TTS sequences.

Classes meeting at:

<i>One O'Clock</i>	<i>Two O'Clock</i>	<i>Three O'Clock</i>	<i>Four O'Clock</i>	<i>Five O'Clock</i>	<i>After Five O'Clock</i>
Mon., Jan. 25	Tues., Jan. 19	Wed., Jan. 20	Tues., Jan. 26	Mon., Jan. 25	Wed., Jan. 20
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

(b) All courses meeting on the TTS sequence only.

Classes meeting at:

<i>One O'Clock</i>	<i>Two O'Clock</i>	<i>Three O'Clock</i>	<i>Four O'Clock</i>	<i>Five O'Clock</i>	<i>After Five O'Clock</i>
Fri., Jan. 22	Thurs., Jan. 21	Mon., Jan. 18	Sat., Jan. 23	Fri., Jan. 22	Thurs., Jan. 21
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

CALENDAR

First Semester, 1970-1971

- July 29, Wed.....Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1970.
- Aug. 26, Wed.....Latest date for domestic students, or foreign students who have attended a college or university in the United States, to apply for admission or readmission in September, 1970.
- Sept. 8, Tues., 1:00 p.m.-
Sept. 14, Mon.....New Student Program.
- Sept. 9, Wed., 2:30 to 5:00 p.m.....Preregistration (special permit required).
- Sept. 10, Thurs., 8:00 a.m.-
Sept. 12, Sat., 12:00 noon.....Registration of graduate and undergraduate students.
- Sept. 12, Sat., 8:00 a.m. to 12:00 noon..Registration of commuting teachers.
- Sept. 14, Mon., 7:00 a.m.....Instruction begins.
- Sept. 19, Sat.....Football (Illinois vs. Univesity of Oregon).
- Sept. 24, Thurs., 5:00 p.m.....Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
- Sept. 26, Sat.....Football (Illinois vs. Tulane University).
- Sept. 28, Mon., 5:00 p.m.....Last date for undergraduate students to add a new course.
- Sept. 28, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Oct. 3, Sat.....Football (Illinois vs. Syracuse University).
- Oct. 12, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Oct. 15, Thurs.....October graduation date (no Commencement exercises).
- Oct. 17, Sat.....Homecoming (Football: Illinois vs. Indiana University).
- Oct. 24, Sat.....Football (Illinois vs. Ohio State).
- Nov. 2, Mon.....Earliest date for one-half credit if withdrawing from the University for military service (seven weeks' instruction completed).
- Nov. 5, Thurs., 5:00 p.m.....Midsemester grades due.
- Nov. 6, Fri., 5:00 p.m.....Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
- Nov. 6, Fri., 5:00 p.m.....Last date for undergraduate students to withdraw from a course without penalty.
- Nov. 9, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Nov. 11, Wed.....Veteran's Day Observance (classes dismissed 10:45 to 11:15 a.m.).
- Nov. 14, Sat.....Dad's Day (Football: Illinois vs. University of Wisconsin).
- Nov. 25, Wed., 1:00 p.m.....Thanksgiving vacation begins.
- Dec. 1, Tues., 1:00 p.m.....Thanksgiving vacation ends.
- Dec. 3, Thurs.....Illinois Day (State admitted to the Union, 1818).
- Dec. 11, Fri.....Latest date to withdraw from the University without petitioning for readmission.
- Dec. 12, Sat.....Earliest date for full credit if withdrawing from the University for military service (twelve weeks' instruction completed).
- Dec. 14, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Dec. 19, Sat., 1:00 p.m.....Christmas vacation begins.
- Jan. 4, Mon., 1:00 p.m.....Christmas vacation ends.
- Jan. 11, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Jan. 16, Sat.....Last day of instruction.
- Jan. 18, Mon.-Jan. 26, Tues.....Semester examinations.
- Feb. 8, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Feb. 15, Mon.....February graduation date (no Commencement exercises).

Second Semester, 1970-1971

- Feb. 1, Mon.-Feb 6, Sat.....New Student Program.
- Feb. 3, Wed., 2:30 to 5:00 p.m.....Preregistration (special permit required).
- Feb. 4, Thurs., 8:00 a.m.-
Feb. 6, Sat., 12:00 noon.....Registration of graduate and undergraduate students.
- Feb. 6, Sat., 8:00 a.m. to 12:00 noon...Registration of commuting teachers.
- Feb. 8, Mon., 7:00 a.m.....Instruction begins.
- Feb. 8, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Feb. 15, Mon.....Latest date for students currently enrolled to apply for student teaching assignment in fall or spring semester 1971-1972.
- Feb. 15, Mon.....Graduation date (no Commencement exercises).
- Feb. 18, Thurs., 5:00 p.m.....Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
- Feb. 22, Mon., 5:00 p.m.....Last date for undergraduate students to add a new course.
- Mar. 2, Tues.....University Day (University opened 1868; not a holiday).
- Mar. 8, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Mar. 29, Mon.....Earliest date for one-half credit if withdrawing from the University for military service (seven weeks' instruction completed).
- April 1, Thurs., 5:00 p.m.....Midsemester grades due.
- April 2, Fri., 5:00 p.m.....Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
- April 2, Fri., 5:00 p.m.....Last date for undergraduate students to withdraw from a course without penalty.
- April 3, Sat., 1:00 p.m.....Spring vacation begins.
- April 12, Mon., 1:00 p.m.....Spring vacation ends.
- April 12, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- April 30, Fri.....Honors Day (classes dismissed at 12:00 noon).
- April 30, Fri.-May 2, Sun.....Campus Mother's Day weekend.
- May 7, Fri., 5:00 p.m.....Latest date to withdraw from the University without petitioning for readmission.
- May 10, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- May 11, Tues.....Earliest date for full credit if withdrawing from the University for military service (twelve weeks' instruction completed).
- May 27, Thurs., and May 28, Fri.....Registration for 1971 summer session off-campus courses, College of Law, and registration staff, including payment of tuition and fees.
- May 29, Sat.....Last day of instruction.
- May 31, Mon.....Memorial Day (holiday).
- June 1, Tues.-June 9, Wed.....Semester examinations.
- June 7, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- June 19, Sat.....Commencement.

Eight-Week Summer Session, 1971

May 27, Thurs.-May 28, Fri.....	Registration for 1971 Summer Session off-campus courses, College of Law, and student registration staff, including payment of tuition and fees.
June 7, Mon., 3:10 p.m.....	Meeting of Urbana-Champaign Senate.
June 7, Mon.-July 14, Wed.....	First session Summer Law Program.
June 11, Fri., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First five days.)
June 17, Thurs., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from eleven-week Law term. (First ten days.)
June 21, Mon.....	Registration.
June 22, Tues., 7:00 a.m.....	Instruction begins.
June 23, Wed., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First fifteen days.)
June 28, Mon.....	Last date for undergraduate students to add a new course.
June 28, Mon., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eight-week session. (First five days.)
July 4, Sun.....	Independence Day.
July 5, Mon.....	Independence Day holiday.
July 15, Thurs.-Aug. 21, Sat.....	Second session Summer Law Program.
July 19, Mon.....	Beginning of second four-week courses.
July 19, Mon., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from eleven-week Law term. (First six weeks.)
July 19, Mon., 5:00 p.m.....	Latest date for undergraduate students to withdraw from a course without penalty.
July 20, Tues., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eight-week session. (First four weeks.)
July 20, Tues., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from second five and one-half week Law session. (First five days.)
July 21, Wed.....	Earliest date for one-half credit if withdrawing from the University for military service (four weeks' instruction completed), except Law.
July 23, Fri., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from second four-week courses only. (First five days.)
July 28, Wed.....	Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1971.
July 29, Thurs.....	Latest date to withdraw from the University without petitioning for readmission.
July 30, Fri., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from second four-week courses only. (First two weeks.)
July 30, Fri., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from second five and one-half week Law session. (First fifteen days.)
Aug. 4, Wed.....	Earliest date for full credit if withdrawing from the University for military service (six weeks' instruction completed), except Law.
Aug. 12, Thurs.....	Last day of instruction in eight-week session.
Aug. 13, Fri.-Aug. 14, Sat.....	Summer Session final examinations.
Aug. 16, Mon.....	August graduation date (no Commencement exercises).
Aug. 25, Wed.....	Latest date for domestic students, or foreign students who have attended a college or university in the United States, to apply for admission or readmission in September, 1971.

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TIME TABLE



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SECOND SEMESTER 1970-1971

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UNIVERSITY OF ILLINOIS BULLETIN

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REGISTRATION INSTRUCTIONS

How to Prepare a Program Request

Please make certain that the Time Table you are using applies to the term for which you are requesting a program of courses. Use a Program Worksheet form to arrange, according to instructions in Item A below, your program of courses for the term. Submit your program request on a Number 2 Program Request Card, according to instructions in Item B below. The Program Worksheet form is printed on the back pages of this Time Table. Additional copies of this form and the Number 2 Program Request Card may be obtained from your major departmental office.

A. THE PROGRAM WORKSHEET

- I. Before entering a course on your Program Worksheet, ascertain that you have satisfied all prerequisites and special requirements listed under the course heading in the Time Table.
- II. Print legibly on your Program Worksheet each of the following items for every course you wish to include in your program request:

- a. In the SUBJECT column, the name of the subject, as abbreviated in the Time Table, e.g., Rhet. (NOT English).

(Do not confuse the "title" of the course (Freshman Rhetoric and Composition) with the subject (Rhet.) or with the name of the department offering the course (English).)

- b. In the CRSE. NO. column, the subject course number.

Note: Authorization from the Graduate College must be obtained by the undergraduate student to enroll in a 300-level course for credit in graduate units or in a 400-level course for either graduate or undergraduate credit, and by the graduate student to enroll in a course for credit in undergraduate hours.

- c. In the CR column, the amount of credit in undergraduate hours or graduate units.

SPECIAL INSTRUCTIONS

1. An undergraduate student who is authorized to request a 300- or 400-level course for credit in graduate units must place a "U" in the column under the arrow.
2. A graduate student who is authorized by his adviser to request a course for credit in undergraduate hours must place an "H" in the column under the arrow.
3. Courses offered for variable amounts of credit (e.g., 0 to 4 units) must be shown at a permissible specific amount of credit (e.g., 2 units), not the credit range indicated in the Time Table.
- d. In the CALL NUMBER column, the five digit call number listed in the Time Table. The five digit call numbers appear to the left of each section designation in the Time Table course listings. A call number may control one or more instructional type sections in a multiple section course. If you need more than one line on a worksheet to enter the instructional type designations and the meeting times and/or places controlled by one call number, leave the call number column blank for the additional lines needed.
- e. In the INSTR. TYPE column, the official abbreviation (i.e., lect., lect-disc., quiz, lab., etc.) of the instructional type for each entry. Some courses require that instructional type sections be taken in specific combinations, as indicated in the Time Table.
- f. In the SCTN. DES. column, the section number or letter designation for each line entry.
- g. In the weekday columns, the meeting times for each entry (e.g., 8 or 1-3).
- h. In the MEETING PLACE column, the room number and building abbreviation where the class meets.

- III. Obtain your adviser's approval for your program.

If your college permits self-advising, you do not need this approval.

- IV. Retain the Program Worksheet for your files as your record of the requested program.

B. THE NUMBER 2 PROGRAM REQUEST CARD

- I. Using ink, copy legibly (clear and distinctive characters, please) and without error the required course information from the heavily outlined box of your worksheet onto the appropriate (graduate or undergraduate) Number 2 Program Request Card (undergraduates, see note below).

Do not repeat a given call number on the Number 2 Program Request Card. Instead, in the screened column next to the call number, write the number of instructional sections types (lect., disc., quiz, lab.) listed following each call number in the Time Table.

Note for Undergraduates: During registration (other than advance enrollment) do not enter call numbers on your Number 2 Program Request Card until you are assured of a place in the desired section (1) during residual and summer session registrations, by

means of having your name entered on the departmental tally sheet and obtaining a Number 5A Class Card for the appropriate courses and/or sections, and (2) during late registration, by means of the signature of the instructor or his representative on the Number 2 Program Request Card.

- II. Count the lines on your Number 2 Program Request Card which contain call numbers and write the total in the box at the lower right. (See A, II, d, and B, I above.)
- III. If not advance enrolled, determine the number of class cards you must obtain and submit with your Program Request Card during registration by adding the numbers you entered in the screened column on the Number 2 Program Request Card.
- IV. To be valid, the Number 2 Program Request Card must be signed as required by your college.
- V. Submit your Number 2 Program Request Card:
 - a. During advance enrollment,
 1. To your adviser (major department, if self-advised — see A, III above), *if you are an undergraduate student.*
 2. To your major department, *if you are a graduate student.*
 - b. During residual and summer session registrations,
 1. At Station 9 in the Armory, with all your other registration cards, according to "Registration Instructions for Undergraduate (or Graduate) Students" available at your college office during registration.
 2. Advance enrolled undergraduates must not submit a Number 2 Program Request Card during registration in the Armory.
 - c. During late registration, to the fee assessor in the Administration Building.

ORDER OF REGISTRATION

Second Semester, 1970-1971

Wednesday, February 3, through Saturday noon, February 6

GRADUATE STUDENTS

The Program Request Card and other preliminary registration materials for graduate students who have not advance enrolled may be obtained in advance of registration days at the office of the student's adviser, beginning Monday, February 1.

Authorization cards essential to complete registration will be distributed in the Upper Gymnasium, English Building, to all graduate students except those individually informed by special instructions that they must go elsewhere. Distribution will be made in accordance with the alphabetical schedule given below, *but not before*.

UNDERGRADUATE AND PROFESSIONAL STUDENTS

Authorization cards to complete their registration will be distributed in the Armory for all *advance enrolled* undergraduate and professional students.

Unless individually informed by special instructions that they must go first to Room 69 Administration Building, authorization cards for all *non-advance enrolled* undergraduate and professional students will be distributed from the locations designated by the deans of the various colleges, as follows:

Agriculture

Home Economics and Home Economics Education.....268 Bevier Hall
All other curricula.....108 Mumford Hall

Aviation

All curricula.....Adviser's Table, Huff Gymnasium

Commerce and Business Administration

All curricula.....215a David Kinley Hall

Communications

All curricula.....119 Gregory Hall

Education

All curricula.....120 Education Building

Engineering

All curricula.....Northeast corner entrance, Huff Gymnasium

Fine and Applied Arts

All curricula.....114 Architecture Building

Law

All classes.....111 Law Building

Liberal Arts and Sciences

All curricula.....Lobby, Lincoln Hall Theatre

Physical Education

All curricula.....107 Huff Gymnasium

Veterinary Medicine

All classes.....137 Veterinary Medicine Building

Detailed registration instructions are distributed to graduate students at their departmental adviser's office and to undergraduate and professional students with their authorization card.

DISTRIBUTION SCHEDULE

The distribution schedule for all students is as follows:

EARLY REGISTRATION PERIOD (special permit required) **Wednesday, February 3**
 Student registration staff 2:30 p.m.
 Nonacademic employees and all Rehabilitation-Education Center students 3:30 p.m.

REGULAR REGISTRATION

Thursday, February 4, 1971

Brp through Com 8:00 a.m.
 Con through Dq 9:00 a.m.
 Dr through Fq 10:00 a.m.
 Fr through Grd 11:00 a.m.
 Gre through Her 1:00 p.m.
 Hes through Jog 2:00 p.m.
 Joh through Kou 3:00 p.m.
 Kov through Lor 4:00 p.m.

Friday, February 5, 1971

Los through Meh 8:00 a.m.
 Mei through Neu 9:00 a.m.
 Nev through Ph 10:00 a.m.
 Pi through Rog 11:00 a.m.
 Roh through Sel 1:00 p.m.
 Sem through Std 2:00 p.m.
 Ste through Tuk 3:00 p.m.
 Tul through Wh 4:00 p.m.

Saturday, February 6, 1971

Wi through Z 8:00 a.m.
 A through Bee 9:00 a.m.
 Bef through Bro 10:00 a.m.

Teachers wishing to register in evening or Saturday classes who are unable to be here at the hour designated will be permitted to register *between 8:00 a.m. and noon* on Saturday, February 6. The offices will *not* be open for registration on Saturday, February 13, or any subsequent Saturday.

Graduate and undergraduate registrations are completed in the Armory through Saturday noon, February 6. Late registrations are completed in the Administration Building, Monday, February 8, and thereafter.

LATE REGISTRATION

The late registration fine of \$15.00 will be assessed *all students* who complete registration after 12:00 noon, Saturday, February 6, 1971. No registration is considered complete until the fee card has been deposited with a Business Office cashier. This includes students exempt from tuition and/or fees.

LISTING OF COURSES

The arrangement of subjects in this Time Table is alphabetical. The courses offered in each subject are listed numerically with headings to indicate the students for whom they are designed. Courses for undergraduates (freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates (juniors and seniors), 200 to 299; for advanced undergraduates and graduates (juniors, seniors, and graduates), 300 to 399; for graduates, 400 to 599. Following the title of each course is a statement of the requirements, if any, for admission to the course.

Special sections intended for Honors Students are listed on page 6 preceding the departmental listings. These sections are also included in the departmental listings, and are designated by the ampersand symbol (&).

Credit

Credit for undergraduate students is counted in semester hours. An hour is one class period a week for one semester or the equivalent in laboratory or field work or approved independent study. The number of hours for which each course counts is shown under each course.

Credit for graduate students is counted in units. A unit course requires ten hours of time each week through the semester, irrespective of the distribution of that time in classwork, laboratory or field work, and private study. Four such courses or their equivalent constitute a student's normal program for one semester. The unit values of graduate courses are indicated under each of these courses. No course may be taken for graduate credit unless it is so designated in this Time Table of courses offered. In general, one graduate unit is the equivalent of four semester hours of undergraduate credit.

Approval of the Graduate College must be obtained for all registrations of undergraduate students in 400 courses for either semester hour or unit credit, or in 300 courses for unit credit.

Buildings

University buildings are designated by the following abbreviations:

Admin.....	Administration Building	IH.....	Illini Hall
Aero Lab.....	Aeronautical Engineering Laboratory	IU.....	Illini Union
Agr Eng.....	Agricultural Engineering Building	KM.....	Krannert Art Museum
AH.....	Altgeld Hall	Kran Perf.....	Krannert Center for the Performing Arts
An Gen.....	Animal Genetics Building	Law.....	Law Building
Arch.....	Architecture Building	LH.....	Lincoln Hall
Art Sculpt.....	Art-Sculpture Building	Lib.....	Library
ASL.....	Animal Sciences Laboratory	LIR.....	Labor and Industrial Relations Building
Bev Hall.....	Bevier Hall	MEB.....	Mechanical Engineering Building
BRL.....	Burnsides Research Laboratory	MEL.....	Mechanical Engineering Laboratory
Bur Hall.....	Burrill Hall	MH.....	Mumford Hall
CA.....	Chemistry Annex	MMB.....	Metallurgy and Mining Building
CD.....	Child Development Laboratory	MOG.....	Men's Old Gymnasium
CEB.....	Civil Engineering Building	Mor Hall.....	Morrill Hall
Cer.....	Ceramics Building	Mum House.....	Mumford House
Col Wolfe.....	Colonel Wolfe School	NEL.....	Nuclear Engineering Laboratory
Com W.....	Commerce and Business Administration Building (West)	NHB.....	Natural History Building
DH.....	Davenport Hall	NL.....	Noyes Laboratory of Chemistry
DKH.....	David Kinley Hall	NRB.....	Natural Resources Building
DMB.....	Dairy Manufactures Building	Nuc Reac Lab.....	Nuclear Reactor Laboratory
EB.....	English Building	Observ.....	Observatory
EC.....	East Chemistry Building	PA.....	Practice Annex
Educ.....	Education Building	PB.....	Physics Building
EE Annex.....	Electrical Engineering Annex	Psych Bldg.....	Psychology Building
EEB.....	Electrical Engineering Building	Rehab Center.....	Rehabilitation-Education Center
EH.....	Engineering Hall	SA.....	String Annex
EPGB.....	Educational Projects and Guidance Building	SH.....	Stiven House
ERL.....	Engineering Research Laboratory	SMH.....	Smith Music Hall
FAB.....	Fine and Applied Arts Building	SP.....	Stock Judging Pavilion
Flor.....	Floriculture Building	Sp Clinic.....	Speech Clinic
Freer Gym.....	Freer Gymnasium	Surv Bldg.....	Surveying Building
FSL.....	Forest Science Laboratory	TA.....	Theory Annex
GH.....	Gregory Hall	TB.....	Transportation Building
HA.....	Hill Annex	TH.....	Turner Hall
HFL.....	Horticulture Field Laboratory	TL.....	Talbot Laboratory
HG.....	Huff Gymnasium	UHS.....	University High School
HH.....	Harker Hall	VCLA.....	Veterinary Clinic, Large Animal
Hyd Eng Lab.....	Hydraulic Engineering Laboratory	VCSA.....	Veterinary Clinic, Small Animal
HSL.....	Hydrosystems Laboratory	Veg Crops.....	Vegetable Crops Building
		VM.....	Veterinary Medicine Building

LISTING OF HONORS SECTIONS.

FOLLOWING IS A LISTING OF HONORS SECTIONS OFFERED DURING THIS SEMESTER. THESE SECTIONS, DESIGNATED BY THE AMPERSAND SYMBOL (&) PRECEDING THE SECTION DESIGNATION, ALSO APPEAR IN THE ALPHABETICAL LISTING OF COURSES.

ACCY	105	00426	LECT-DISC	*ECL	10	M	W	F	30	COM W
ACCY	105	00434	LECT-DISC	*ECL	11	M	W	F	30	COM W
A A E	296	02028	CONF	EA	ARR					
A A E	297	02036	CONF	EA	ARR					
AG FC	200	02346	CONF	*EB	ARR					
AG E	296	02800	CONF	EA	ARR					
AG E	299	02834	CONF	EB	ARR					
AG M	300	03180	CONF	*EB	ARR					
AGRN	300	03538	LAB-DISC	EB	ARR					
AN S	200	04177	CONF	*EB	ARR					
ANTH	102	04927	DISC	EG	10		TH		313	D H
ANTH	103	04959	DISC	EG	11		TU		209A	D H
ARCH	200	05636	CONF	ECU	ARR					
ARCH	200	05644	CONF	EF	ARR					
APT	112	06291	DISC	*EL	4		TH		207	F A B
ART	200	07513	LAB-DISC	EA	ARR				139B	F A B
BIOL	151	11525	LECT	E	11	M	W	F	300	N L
BIOL	151		LAB	E	1-5		TU		102	H H
BIOL	203	11533	LECT-DISC	EA	7-9PM	M			136	BUR HALL
BIOL	203	11541	LECT-DISC	EB	7-9PM		TU		136	BUR HALL
BIOL	203	11550	LECT-DISC	EC	7-9PM		TU		384	MOR HALL
BIOL	203	11568	LECT-DISC	ED	7-9PM		W		136	BUR HALL
BIOL	203	11576	LECT-DISC	EE	3-5PM		TH		384	MOR HALL
BIOL	251	11665	LECT	E	11	M	W	F	202	H H
BIOL	251		LAB	E	1-5		F		102	H H
BCT	101	12008	LAB-DISC	EA	1-3	M	W	F	259	N H B
BOT	293	12067	CONF	E	ARR					
BOT	300	12075	CONF	E	ARR					
B ADM	200	12440	DISC	*EN3	10		TU TH		224	D K H
B ADM	202	12598	DISC	ES1	2		TU TH		15	D K H
CHEM	108	15098	QUIZ	E18	11	M	W	F	19S	N L
CHEM	108		LAB	E18	1-5	M			310	C A
CHEM	108	15101	QUIZ	E19	1	M	W	F	199	E C
CHEM	108		LAB	E19	8-12		TU		310	C A
C E	214	16158	LECT-DISC	EN	11		TU		1215	C E B
C E	214		LAB-DISC	EN	10-12		TH		1215	C E B
C E	261	16336	LECT-DISC	EE	1	M	W	F	324	E H
C E	280	16433	LECT-DISC	EF	2	M	W	F	8222	C E B
C E	292	16492	LECT-DISC	EG	3	M	W	F	420	E H
C E	293	16531	LECT-DISC	EC	10	M	W	F	423	E H
C S	109	18701	LECT-DISC	E	ARR					
C S	209	18817	LECT-DISC	EA	ARR					
C S	209	18825	LECT-DISC	EB	ARR					

D S	300	10243	CUNF	*EB	APR				
ECUN	102	20089	LECT-DISC	*EL	8-930	TU TH	305	D K H	
ECUN	103	20208	LECT-DISC	*EC	10	M W F	126	COM W	
ECUN	108	20607	LECT-DISC	EA	4	M W F	20	COM W	
ECUN	108	20615	LECT-DISC	EC	10	M W F	317A	D K H	
ECUN	108	20623	LECT-DISC	EC1	10	M W F	332	ARMORY	
ECUN	173	20917	LECT-DISC	*EA2	8	M W F	40	COM W	
ECUN	173		LAB	*EA2	8	TU	205	D K H	
ECUN	403	21467	LECT-DISC	*EN	10-12	TU TH	40	COM W	
ENDSY	211	22527	LECT-DISC	EG	3	M W F	125	D K H	
E F	260	23841	DISC	EC	10	M W F	59	E E B	
E E	296	24056	CONF	EK1	ARR				
E E	296	24064	CONF	EK2	ARR				
E E	297	24072	DISC	EB	9	M W F	57	E E B	
E E	297	24081	DISC	EE	1	M W F	162	E E B	
F F	310	24170	DISC	*ED	11	M W F	162	E E B	
E F	342	24668	DISC	*EC	10	M W F	57	E E B	
E E	350	24935	DISC	*EB	9	M W F	162	E E B	
ENG H	196	27079	LECT-DISC	E	10-12	TH	419	E H	
ENG H	197	27087	LECT-DISC	E	3-430	M	235	M E B	
ENG H	198	27095	CONF	E	ARR				
ENG H	297	27109	LECT-DISC	*EE	11	M F	302	T B	
ENG H	297	27117	LECT-DISC	*EM	3-430	TU TH	8222	C E B	
ENG H	297	27125	LECT-DISC	*EP	11	TU	302	T B	
ENG H	297	27133	LECT-DISC	*EY	1-3	TU	121	AGR ENG	
ENGL	196	28155	LECT-DISC	EF1	2-4	TU TH	142	ADMIN	
ENGL	196	28163	LECT-DISC	EM1	10-12	TU TH	210A	E B	
ENGL	196	28171	LECT-DISC	EM4	3-5	M W	210B	E B	
ENGL	296	29061	LECT-DISC	*EE	1-3	TH	303	E B	
ENGL	296	29070	LECT-DISC	*EG	3-5	M	194	L H	
ENGL	296	29088	LECT-DISC	*EL1	9-11	TH	194	L H	
ENGL	296	29096	LECT-DISC	*EL2	9-11	TU	119	E B	
ENGL	297	29100	LECT-DISC	*EE	1-3	TU	303	E B	
ENGL	297	29118	LECT-DISC	*EL	9-11	TU	194	L H	
F S	300	30670	CONF	EB	ARR				
F S	324	30662	LAB	*EB	9-12	F	420	BEV HALL	
FR	102	31641	LECT-DISC	EE1	1	MTU THF	206	H H	
FR	103	31765	LECT-DISC	EB2	9	MTU THF	374	L H	
FR	104	31820	LECT-DISC	*EA2	8	MTU THF	303	N L	
FR	201	32019	LECT-DISC	*EE	1	M W F	302	L H	
FR	202	32060	LECT-DISC	*EE	1	M W F	3	G H	
FR	211	32159	LECT-DISC	*EF	2	MTU THF	362	ARMORY	
FR	212	32272	LECT-DISC	*EE1	1	MTU THF	325	G H	
G E	103	33014	LAB-DISC	EG1	1-4	TU TH	302	T B	
G F	103	33022	LAB-DISC	EG6	1-4	TU TH	316	T B	
G F	393	33464	CONF	*EB	ARR				
GEOS	102	33618	QUIZ	*E2	8-10	W	323	D H	
GEOS	103	33791	LAB-DISC	*E5	10	M	175	D H	
GEOS	103			*E5	10-12	W	175	D H	
GEOS	104	33928	QUIZ	*E12	3	TU	175	D H	
GEOS	105	34010	QUIZ	*E2	9	F	175	D H	
GEOS	195	34028	LECT-DISC	EG1	3-5	TU	219	D H	
GFOL	101	34516	LAB-DISC	*E5	1-3	TU	120	N H B	
GFOL	102	34664	LAB-DISC	E15	1-3	TH	120	N H B	
GFOL	102	34672	LAB-DISC	E15	1-3	TH	120	N H B	
GFOL	102	34681	LAB-DISC	E15	1-3	TH	120	N H B	
GFOL	111	34753	LAB-DISC	EA	ARR		147	N H B	
GFOL	112	34761	LAB-DISC	EA	ARR		120	N H B	
H E	260	37628	LECT-DISC	EX1	7-9PM	W	207B	FREER GYM	
H E	260	37636	LECT-DISC	EX2	7-9PM	W	15	E B	

HIST	112	38305	DISC	*ES	11	M W	317	G H
HIST	132	38496	DISC	*ES	11	TU TH	331	G H
HIST	152	38852	DISC	ES	9	TU TH	254	ADMIN
HIST	293	39114	CONF	E	ARR			
HIST	295	39122	CONF	E	ARR			
H EC	292	40880	CONF	*ER	ARR			
H EC	301	40979	LAB	*EE	2-5	TU	109	C D
H EC	324	41036	LAB	*EB	9-12	F	420	BEV HALL
H EC	331	41079	LAB-DISC	EB	ARR		486	BEV HALL
H EC	379	41133	CONF	E	ARR			
I E	296	41974	CONF	EZ	ARR			
ITAL	292	42601	CONF	EA	ARR			
L A S	198	45194	CONF	E	9	M W F	94	COM W
L A S	198		LAB	E	ARR			
MATH	130	47314	LECT-DISC	*EA1	9	MTUWTHF	145	A H
MATH	130	47322	LECT-DISC	*ED4	11	MTUWTHF	447	A H
MATH	131	47624	LECT-DISC	*EA1	8	M W F	259	A H
MATH	145	48123	LECT-DISC	*EA1	8	MTUWTHF	257	A H
MATH	145	48131	LECT-DISC	*ED1	11	MTUWTHF	447	A H
MATH	145	48115	LECT-DISC	*EF2	2	MTUWTHF	445	A H
MATH	149	48140	LECT-DISC	*EQ	ARR			
MATH	149	48158	LECT-DISC	*ER	ARR			
MATH	149	48166	LECT-DISC	*ES	ARR			
MATH	249	48271	LECT-DISC	*EP	ARR			
MATH	249	48280	LECT-DISC	*EQ	ARR			
MATH	249	48298	LECT-DISC	*ER	ARR			
MATH	317	48638	LECT-DISC	*EF1	2	M W F	447	A H
MATH	347	49269	LECT-DISC	*ED1	11	M W F	165	A H
MATH	349	49293	LECT-DISC	EF1	1	M W F	447	A H
M E	206	50746	LECT-DISC	*ED1	11	M W F	236	M E B
M E	220	51008	LAB-DISC	*EC1	10-12	M W F	353	M E B
M E	224	51067	LECT-DISC	*EA1	8-10	M W F	336	M E B
M E	296	51482	CONF	EZ	ARR			
MUSIC	229	53891	CONF	*EB	ARR			
PHIL	306	57892	DISC	*EP1	11	TU	336	G H
PHIL	306	57906	DISC	*ET1	3	TU	207	G H
P E M	260	60785	LECT-DISC	EX1	7-9PM	W	207B	FREER GYM
P E M	260	60793	LECT-DISC	EX2	7-9PM	W	15	E B
P E W	260	63307	LECT-DISC	EX1	7-9PM	W	207B	FREER GYM
P E W	260	63315	LECT-DISC	EX2	7-9PM	W	15	E B

PHYS 106	64060	LAB	*EB2	8-10		W	264	P B
PHYS 106		QUIZ	*EB2	8-10		F	147	P B
PHYS 106	64078	LAB	*EF1	1-3	M		264	P B
PHYS 106		QUIZ	*EF1	1-3		W	137	P B
PHYS 106	64086	LAB	*EK1	10-12		TU	232	P B
PHYS 106		QUIZ	*EK1	10-12		TH	132	P B
PHYS 106	64094	LAB	*EM1	1-3		TU	232	P B
PHYS 106		QUIZ	*EM1	1-3		TH	147	P B
PHYS 106	64108	LAB	*EN1	1-3		TU	264	P B
PHYS 106		QUIZ	*EN1	1-3		TH	143	P B
PHYS 107	64221	LAB	*EC3	10-12		F	234	P B
PHYS 107		QUIZ	*EC3	10-12	M		234	P B
PHYS 107	64230	LAB	*EM2	1-3		TH	234	P B
PHYS 107		QUIZ	*EM2	1-3		TU	234	P B
PHYS 108	64515	LAB	*EC2	10-12		W	236	P B
PHYS 108		QUIZ	*EC2	10-12		F	132	P B
PHYS 108	64523	LAB	*EK1	10-12		TU	236	P B
PHYS 108		QUIZ	*EK1	10-12		TH	139	P B
PHYS 108	64531	LAB	*EM1	1-3		TU	236	P B
PHYS 108		QUIZ	*EM1	1-3		TH	139	P B
PHYS 108	64540	LAB	*EN1	1-3		TU	258	P B
PHYS 108		QUIZ	*EN1	1-3		TH	144	P B
PHYS 303	64621	LAB	*EC	ARR				
PHYS 304	64655	LAB	*EC	ARR				
PL PA 300	66052	CONF	EB	ARR				
POL S 191	66583	LECT-DISC	EC	3-430	M	W F	315	G H
PSYCH 100	67929	LECT	EG	8	M	W F	17	PSYCH BLDG
PSYCH 100	67937	LECT	EH	10	M	W F	17	PSYCH BLDG
PSYCH 100	67945	LECT	EI	2	M	W F	17	PSYCH BLDG
PSYCH 201	68622	LECT	EE	9	M	W F	207	PSYCH BLDG
PSYCH 201	68631	LECT	EF	1	M	W F	207	PSYCH BLDG
PSYCH 216	68801	LECT	*ED	1	M	W F	13	PSYCH BLDG
PSYCH 216	68819	LECT	*EE	2	M	W F	29	PSYCH BLDG
PSYCH 250	69059	LECT	ED	9	M	W F	27	PSYCH BLDG
PSYCH 250	69067	LECT	EE	2	M	W F	27	PSYCH BLDG
PSYCH 250	69075	LECT	EF	10	M	W F	141	A H
PSYCH 291	69083	LECT-DISC	E	ARR				
PSYCH 338	69407	LECT	*ED	10	M	W F	29	PSYCH BLDG
PSYCH 338	69415	LECT	*EE	11	M	W F	141	A H
REC 260	70731	LECT-DISC	EX1	7-9PM		W	207B	FREER GYM
REC 260	70749	LECT-DISC	EX2	7-9PM		W	15	E B
RHET 108	72332	LECT-DISC	EA1	8	M	W F	303	E B
RHET 108	72341	LECT-DISC	EA2	8	M	W F	210A	E B
RHET 108	72359	LECT-DISC	EB1	9	M	W F	312	N L
RHET 108	72367	LECT-DISC	EB2	9	M	W F	108	SURV BLDG
RHET 108	72375	LECT-DISC	EC1	10	M	W F	312	N L
RHET 108	72383	LECT-DISC	EC2	10	M	W F	108	SURV BLDG
RHET 108	72391	LECT-DISC	ED1	11	M	W F	108	SURV BLDG
RHET 108	72405	LECT-DISC	ED2	11	M	W F	303	E B
RHET 108	72413	LECT-DISC	EX1	12	M	W F	210A	E B
RHET 108	72421	LECT-DISC	EX2	12	M	W F	303	E B
RHET 108	72430	LECT-DISC	EX3	12	M	W F	312	N L
RHET 108	72448	LECT-DISC	EE1	1	M	W F	241	ARMORY
RHET 108	72456	LECT-DISC	EE2	1	M	W F	312	N L
RHET 108	72464	LECT-DISC	EE3	1	M	W F	108	SURV BLDG
RHET 108	72472	LECT-DISC	EF1	2	M	W F	105	H H
RHET 108	72481	LECT-DISC	EF2	2	M	W F	312	N L
RHET 108	72499	LECT-DISC	EF3	2	M	W F	108	SURV BLDG
RHET 108	72502	LECT-DISC	EG1	3	M	W F	105	H H
RHET 108	72511	LECT-DISC	EG2	3	M	W F	312	N L
RHET 108	72529	LECT-DISC	EG3	3	M	W F	108	SURV BLDG
RHET 108	72537	LECT-DISC	EH1	4	M	W F	105	H H
RHET 108	72545	LECT-DISC	EH2	4	M	W F	312	N L
RHET 108	72553	LECT-DISC	EH3	4	M	W F	259	E B
RHET 108	72561	LECT-DISC	EL1	8-930		TU TH	105	H H
RHET 108	72570	LECT-DISC	EL2	8-930		TU TH	109	N L
RHET 108	72588	LECT-DISC	EL3	8-930		TU TH	312	N L
RHET 108	72596	LECT-DISC	EL4	8-930		TU TH	108	SURV BLDG
RHET 108	72600	LECT-DISC	EM1	930-11		TU TH	105	H H
RHET 108	72618	LECT-DISC	EM2	930-11		TU TH	109	N L

RHET 108 CONTINUED									
RHET	108	72526	LECT-DISC	E43	930-11	TU TH	117	E B	
RHET	108	72634	LECT-DISC	E44	930-11	TU TH	108	SURV BLDG	
RHET	108	72642	LECT-DISC	E41	10-1130	TU TH	259	E B	
RHET	108	72651	LECT-DISC	E01	11-1230	TU TH	105	H H	
RHET	108	72669	LECT-DISC	E02	11-1230	TU TH	109	N L	
RHET	108	72677	LECT-DISC	E03	11-1230	TU TH	312	N L	
RHET	108	72685	LECT-DISC	E04	11-1230	TU TH	108	SURV BLDG	
RHET	108	72693	LECT-DISC	E01	1130-1	TU TH	259	E B	
RHET	108	72707	LECT-DISC	E01	1230-2	TU TH	105	H H	
RHET	108	72715	LECT-DISC	E02	1230-2	TU TH	109	N L	
RHET	108	72723	LECT-DISC	E03	1230-2	TU TH	312	N L	
RHET	108	72731	LECT-DISC	E04	1230-2	TU TH	108	SURV BLDG	
RHET	108	72740	LECT-DISC	E11	3-430	TU TH	259	E B	
RHET	108	72758	LECT-DISC	E01	2-330	TU TH	105	H H	
RHET	108	72766	LECT-DISC	E02	2-330	TU TH	109	N L	
RHET	108	72774	LECT-DISC	E03	2-330	TU TH	206	D K H	
RHET	108	72782	LECT-DISC	E04	2-330	TU TH	108	SURV BLDG	
RHET	108	72791	LECT-DISC	E21	330-5	TU TH	105	H H	
RHET	108	72804	LECT-DISC	E22	330-5	TU TH	109	N L	
RHET	108	72812	LECT-DISC	E23	330-5	TU TH	312	N L	
RHET	108	72821	LECT-DISC	E24	330-5	TU TH	108	SURV BLDG	

RUSS	102	74279	LECT-DISC	*E4X	12	MTWTHF	120	COM W	
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SOC	152	77313	QUIZ	E9	2	TU TH	134	ARMORY	
SOC	291	77593	CONF	E4	ARR				

SPAN	102	78769	LECT-DISC	E81	9	TUWTHF	108	L H	
SPAN	104	79179	LECT-DISC	E8	9	TUWTHF	4	G H	
SPAN	292	79446	CONF	E4	ARR				

SPCH	101	80419	LECT-DISC	*E4F	2	M W F	49	L I R	
SPCH	112	81287	DISC	E41	2	M W F	143	A H	
SPCH	141	81520	LECT-DISC	*E4F	2	M W F	315	G H	
SPCH	198	81732	LECT-DISC	E4	10	M W F	1205	W UREGON	

ZOO	303	85891	CONF	E4	ARR				
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ACCOUNTANCY

DEPARTMENT OFFICE

360 COM W

COURSES FOR UNDERGRADUATES

ACCY 101 PRINCIPLES OF ACCOUNTING I.

3 HOURS

00019	LECT-DISC	X1	12	M W F	115	D K H
00027	LECT-DISC	X2	12	M W F	152	COM W
00035	LECT-DISC	E	1	M W F	215	D K H
00043	LECT-DISC	F	2	M W F	215	D K H
00051	LECT-DISC	L1	8-930	TU TH	322	D K H
00060	LECT-DISC	L2	8-930	TU TH	30	COM W
00078	LECT-DISC	M1	930-11	TU TH	322	D K H
00086	LECT-DISC	M2	930-11	TU TH	30	COM W
00094	LECT-DISC	P1	11-1230	TU TH	322	D K H
00108	LECT-DISC	P2	11-1230	TU TH	30	COM W
00116	LECT-DISC	Q1	1230-2	TU TH	108	D K H
00124	LECT-DISC	Q2	1230-2	TU TH	322	D K H
00132	LECT-DISC	Q3	1230-2	TU TH	30	COM W
00141	LECT-DISC	S1	2-330	TU TH	108	D K H
00159	LECT-DISC	S2	2-330	TU TH	322	D K H
00167	LECT-DISC	T	330-5	TU TH	108	D K H

ACCY 105 PRINCIPLES OF ACCOUNTING II.

PREREQUISITE: ACCY. 101.

3 HOURS

*SECTIONS 6C1 AND 6D1 OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.

*SECTION P IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL ASSISTANCE. IT IS OPEN TO SEOP STUDENTS AND TO OTHERS ON A SPACE AVAILABLE BASIS. ASK YOUR ADVISOR TO CHECK WITH THE DEPARTMENT OF ACCOUNTANCY FOR AVAILABILITY OF SPACE BEFORE REGISTERING FOR THIS SECTION.

00175	LECT-DISC	A	8	M W F	215	D K H
00183	LECT-DISC	B	9	M W F	215	D K H
00426	LECT-DISC	*6C1	10	M W F	30	COM W
00191	LECT-DISC	C2	10	M W F	215	D K H
00434	LECT-DISC	*6D1	11	M W F	30	COM W
00205	LECT-DISC	D2	11	M W F	215	D K H
00213	LECT-DISC	X1	12	M W F	30	COM W
00221	LECT-DISC	X2	12	M W F	215	D K H
00230	LECT-DISC	X3	12	M W F	322	D K H
00248	LECT-DISC	X4	12	M W F	240	COM W
00256	LECT-DISC	E1	1	M W F	30	COM W
00264	LECT-DISC	E2	1	M W F	322	D K H
00272	LECT-DISC	F1	2	M W F	322	D K H
00281	LECT-DISC	F2	2	M W F	30	COM W
00299	LECT-DISC	G1	3	M W F	322	D K H
00302	LECT-DISC	G2	3	M W F	215	D K H
00311	LECT-DISC	G3	3	M W F	24	COM W
00329	LECT-DISC	G4	3	M W F	115	D K H
00337	LECT-DISC	L1	8-930	TU TH	115	D K H
00345	LECT-DISC	L2	8-930	TU TH	215	D K H
00353	LECT-DISC	M	930-11	TU TH	115	D K H
00442	LECT-DISC	*P	11-1230	TU TH	115	D K H
00361	LECT-DISC	Q1	1230-2	TU TH	115	D K H
00370	LECT-DISC	Q2	1230-2	TU TH	24	D K H
00388	LECT-DISC	S	2-330	TU TH	115	D K H
00396	LECT-DISC	T	330-5	TU TH	115	D K H
00400	LECT-DISC	U1	4-530	TU TH	240	COM W
00418	LECT-DISC	U2	4-530	TU TH	152	COM W

ACCY 108 INTERMEDIATE ACCOUNTING.

PREREQUISITE: ONE YEAR OF ACCOUNTANCY, SOPHOMORE STANDING.

3 HOURS

00451	LECT-DISC	L	8-930	TU TH	24	COM W
00469	LECT-DISC	M	930-11	TU TH	24	COM W
00477	LECT-DISC	N	10-1130	TU TH	215	D K H
00485	LECT-DISC	Q	1230-2	TU TH	240	COM W
00493	LECT-DISC	T	330-5	TU TH	30	COM W

ACCY 166 COST ACCOUNTING.
PREREQUISITE: ACCY. 105.
3 HOURS

00507	LECT-DISC	A	8	M W F	24	COM W
00515	LECT-DISC	B	9	M W F	24	COM W
00523	LECT-DISC	C	10	M W F	24	COM W
00531	LECT-DISC	D	11	M W F	24	COM W
00540	LECT-DISC	X	12	M W F	24	COM W
00558	LECT-DISC	E	1	M W F	24	COM W
00566	LECT-DISC	F	2	M W F	24	COM W
00574	LECT-DISC	S	2-33C	TU TH	30	COM W

ACCY 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

00582 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

ACCY 201 FUNDAMENTALS OF ACCOUNTING.
FOR NON-COMMERCE STUDENTS ONLY.
3 HOURS

00591	LECT-DISC	A	8	M W F	108	D K H
00604	LECT-DISC	B	9	M W F	108	D K H
00612	LECT-DISC	C	10	M W F	108	D K H
00621	LECT-DISC	D	11	M W F	108	D K H
00639	LECT-DISC	X	12	M W F	108	D K H
00647	LECT-DISC	E	1	M W F	108	D K H
00655	LECT-DISC	F	2	M W F	108	D K H
00663	LECT-DISC	G	3	M W F	108	D K H
00671	LECT-DISC	L	8-930	TU TH	108	D K H
00680	LECT-DISC	M	930-11	TU TH	108	D K H
00698	LECT-DISC	P	11-1230	TU TH	108	D K H

ACCY 203 BUSINESS AND ACCOUNTING METHODS.

NOT OPEN TO COMMERCE STUDENTS.

PREREQUISITE: JUNIOR STANDING.

2 HOURS

*SECTION A OPEN TO VETERINARY MEDICINE STUDENTS ONLY.

00710	LECT-DISC	*A	8	M F	253	V M
00701	LECT-DISC	E	1	M F	152	COM W

ACCY 206 COST ACCOUNTING FOR ENGINEERS.

NOT OPEN TO STUDENTS WHO HAVE RECEIVED CREDIT IN ACCY. 101 OR ACCY. 201.

PREREQUISITE: JUNIOR STANDING IN ENGINEERING.

3 HOURS

00728	LECT-DISC	D	11	M W F	319	M E L
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ACCY 221 CURRENT ACCOUNTING TOPICS.

PREREQUISITE: ACCY. 308.

2 HOURS

00736	LECT-DISC	S	2-4	TU	24	COM W
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ACCY 274 BASIC FEDERAL INCOME TAX ACCOUNTING.

PREREQUISITE: ACCY. 105.

3 HOURS

00744	LECT	C	10	M W	240	COM W
00752	LECT	D	11	M W	240	COM W
00761	LECT-DISC	Q	12	TU TH	215	D K H
00779	LECT-DISC	R	1	TU TH	215	D K H
00787	LECT-DISC	S	2	TU TH	215	D K H
00795	LECT-DISC	T	3	TU TH	215	D K H

ACCY 295 SENIOR RESEARCH.

PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.

2 TO 4 HOURS

00809 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ACCY 308 ADVANCED ACCOUNTING.

PREREQUISITE: ACCY. 166 AND 108, AVERAGE OF "C" OR BETTER IN PRECEDING COURSES IN ACCOUNTANCY.

3 HOURS OR 3/4 UNIT

00817	LECT-DISC	C	10	M W F	115	D K H
00825	LECT-DISC	D	11	M W F	115	D K H
00833	LECT-DISC	E	1	M W F	115	D K H
00841	LECT-DISC	F	2	M W F	115	D K H

ACCY 325 ACCOUNTING SYSTEM DESIGN.

PREREQUISITE: C. S. 105, OR ITS EQUIVALENT, AND ACCY. 166.

3 HOURS OR 3/4 UNIT

00850	LECT-DISC	A	8	M W F	152	COM W
00868	LECT-DISC	B	9	M W F	152	COM W
00876	LECT-DISC	C	10	M W F	152	COM W
00884	LECT-DISC	D	11	M W F	152	COM W

ACCY 341 GOVERNMENTAL ACCOUNTING.

PREREQUISITE: ACCY. 108.

2 HOURS OR 1/2 UNIT

00992	LECT-DISC	P	11	TU TH	24	COM W
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ACCY 362 BUSINESS BUDGETS AND ACCOUNTING CONTROL.

PREREQUISITE: NINE HOURS OF ACCOUNTANCY, INCLUDING ACCY. 166.

3 HOURS OR 3/4 UNIT

00906	LECT-DISC	M	930-11	TU TH	8	COM W
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ACCY 371 AUDITING.

PREREQUISITE: ACCY. 308.

3 HOURS OR 3/4 UNIT

00914	LECT-DISC	A	8-930	M W	322	D K H
00922	LECT-DISC	B	930-11	M W	322	D K H
00931	LECT-DISC	L	8-930	TU TH	240	COM W
00949	LECT-DISC	N	10-1130	TU TH	240	COM W

ACCY 372 AUDITING PROBLEMS AND CASES.

PREREQUISITE: ACCY. 371.

3 HOURS OR 3/4 UNIT

00957	LECT-DISC	L	8-930	TU TH	152	COM W
00965	LECT-DISC	N	10-1130	TU TH	152	COM W

ACCY 374 ADVANCED INCOME TAX PROBLEMS.

PREREQUISITE: SENIOR STANDING, ACCY. 274 AND 308.

3 HOURS OR 3/4 UNIT

00973	LECT-DISC	A	8	M W F	30	COM W
00981	LECT-DISC	B	9	M W F	30	COM W

ACCY 377 ADVANCED PROBLEMS.

PREREQUISITE: SENIOR STANDING, CREDIT OR REGISTRATION IN ACCY. 371.

3 HOURS OR 1 UNIT

00990	LECT-DISC	A	8	M W F	236	COM W
01006	LECT-DISC	B	9	M W F	236	COM W

ACCY 378 ADVANCED THEORY AND PRACTICE.

PREREQUISITE: ACCY. 377.

3 HOURS OR 1 UNIT

01014	LECT-DISC	A	8-10	M W	240	COM W
01022	LECT-DISC	F	2-4	M W	240	COM W
01031	LECT-DISC	S	2-4	TU TH	240	COM W

COURSES FOR GRADUATES

ACCY 461 ADMINISTRATIVE ACCOUNTING.

1 UNIT

01049	LECT-DISC	1-3	M	6	COM W
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ACCY	462	MANAGEMENT ACCOUNTING.					
		PREREQUISITE: AN UNDERGRADUATE COURSE IN MANAGEMENT ACCOUNTING. THE STUDENT'S BACKGROUND IN STATISTICS AND MATHEMATICS SHOULD BE EQUIVALENT TO THE UNDERGRADUATE REQUIREMENTS OF THE U OF I COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION IN THESE AREAS.					
		1 UNIT					
	01057	LECT-DISC	1-3	W		152	COM W
ACCY	472	AUDITING STANDARDS AND TECHNIQUES.					
		1 UNIT					
	01065	LECT-DISC	1-3	F		240	COM W
ACCY	481	CONCEPTS AND PRINCIPLES.					
		1 UNIT					
	01073	LECT-DISC	3-5	M		8	COM W
ACCY	483	INCOME DETERMINATION.					
		1 UNIT					
	01081	LECT-DISC	3-5	M		152	COM W
ACCY	489	HISTORY OF ACCOUNTING THEORY.					
		1 UNIT					
	01090	LECT-DISC	1-3	W		94	COM W
ACCY	493	SPECIAL RESEARCH PROBLEMS.					
		1/4 TO 2 UNITS					
	01103	LECT-DISC	F	3-5	W	8	COM W
	01111	LECT-DISC	G	3-5	W F	152	COM W
	01120	CONF	ARR				
ACCY	499	THESIS RESEARCH.					
		0 TO 4 UNITS					
	01138	DISC	4-6	W		240	COM W
ACCY	502	ACCOUNTING ANALYSIS, II.					
		PREREQUISITE: ACCY. 501 OR EQUIVALENT.					
		3/4 UNIT					
	01146	LECT-DISC	3-5	M W		30	COM W
ACCY	504	TAXATION AND AUDITING.					
		PREREQUISITE: ACCY. 501 AND 503, OR EQUIVALENT.					
		1 UNIT					
	01154	LECT-DISC	1-3	TU TH		317A	D K H
ACCY	577	PROFESSIONAL PROBLEMS.					
		PREREQUISITE: CANDIDACY FOR M.A.S. DEGREE.					
		1 UNIT					
	01162	LECT-DISC	10-12	M W		8	COM W
ACCY	594	METHODS AND PRACTICES IN PROFESSIONAL RESEARCH.					
		PREREQUISITE: CANDIDACY FOR M.A.S. DEGREE.					
		1 UNIT					
	01171	LECT-DISC	1-3	TH		152	COM W

ADVERTISING

DEPARTMENT OFFICE

103 G H

COURSES FOR ADVANCED UNDERGRADUATES

ADV	281	INTRODUCTION TO ADVERTISING.									
		3 HOURS									
	01189	LECT-DISC	A	8	M	W	F	18	G	H	
	01197	LECT-DISC	B	9	M	W	F	225	G	H	
	01201	LECT-DISC	C	10	M	W	F	111	G	H	
	01219	LECT-DISC	E	1	M	W	F	43	G	H	
	01227	LECT-DISC	F	2	M	W	F	43	G	H	
	01235	LECT-DISC	G	3	M	W	F	43	G	H	
	01243	LECT-DISC	L	830-10	TU	TH		215	G	H	
	01251	LECT-DISC	N	10-1130	TU	TH		215	G	H	
	01260	LECT-DISC	R	1-230	TU	TH		43	G	H	

ADV	288	SALES WRITING.									
		SAME AS RHET. 271.									
		PREREQUISITE: RHET. 102 OR EQUIVALENT.									
		2 HOURS									
	01278	LECT-DISC	C	10	M	W		326	D	K	H
	01286	LECT-DISC	M	9	TU	TH		326	D	K	H
	01294	LECT-DISC	N	10	TU	TH		184	L	H	
	01308	LECT-DISC	P	11	TU	TH		326	D	K	H
	01316	LECT-DISC	P2	11	TU	TH		312	D	K	H

ADV	291	SPECIAL PROBLEMS.									
		PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.									
		2 OR 3 HOURS									
	01324	CONF			ARR						STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ADV	309	PUBLIC RELATIONS.									
		PREREQUISITE: SENIOR STANDING IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF DEPARTMENT.									
		3 HOURS OR 1/2 UNIT									
	01332	LECT-DISC		1	M	W	F	113	G	H	JUGENHEIMER

ADV	381	ADVERTISING RESEARCH METHODS.									
		PREREQUISITE: ADV. 281, A BASIC COURSE IN STATISTICAL METHODS, AND CONSENT OF DEPARTMENT.									
		3 HOURS OR 1/2 UNIT									
		*SECTIONS A1, C1, AND D1 ARE FOR ADVERTISING MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, C2 OR D2.									
	01341	LECT-DISC	*A1	8	M	W	F	215	G	H	STEILEN
	01375	LECT-DISC	*A2	8	M	W	F	215	G	H	
	01359	LECT-DISC	*C1	10	M	W	F	215	G	H	STEILEN
	01383	LECT-DISC	*C2	10	M	W	F	215	G	H	
	01367	LECT-DISC	*D1	11	M	W	F	215	G	H	YANG
	01391	LECT-DISC	*D2	11	M	W	F	215	G	H	

ADV	382	ADVERTISING CREATIVE STRATEGY.									
		PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.									
		3 HOURS OR 1/2 UNIT									
	01405	LECT	C	10	M	W		223	G	H	WHITE
		LAB	C	1-3	M			18	G	H	
	01413	LECT	C1	10	M	W		223	G	H	
		LAB	C1	3-5	TU			18	G	H	
	01421	LECT	C2	10	M	W		223	G	H	
		LAB	C2	3-5	W			18	G	H	
	01430	LECT	C3	10	M	W		223	G	H	
		LAB	C3	9-11	F			18	G	H	
	01448	LECT	M	10	TU	TH		43	G	H	KITSON
		LAB	M	1-3	TU			18	G	H	
	01456	LECT	M1	10	TU	TH		43	G	H	
		LAB	M1	1-3	W			18	G	H	

ADV	383	ADVERTISING MEDIA POLICY AND STRATEGY.									
		PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.									
		3 HOURS OR 1/2 UNIT									
	01464	LECT-DISC	B	9	M	W	F	43	G	H	BARBAN
	01472	LECT-DISC	D	11	M	W	F	43	G	H	BARBAN

ADV	384	ADVERTISING CAMPAIGNS. PREREQUISITE: ADV. 382, AND 383 AND CONSENT OF DEPARTMENT. 3 HOURS OR 1/2 UNIT *SECTIONS A1 AND D1 ARE FOR ADVERTISING MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2 AND D2.							
	01481	LECT-DISC *A1	8	M	W	F	43	G H	KITSON
	01502	LECT-DISC *A2	8	M	W	F	43	G H	
	01499	LECT-DISC *D1	11	M	W	F	113	G H	KITSON
	01511	LECT-DISC *D2	11	M	W	F	113	G H	
ADV	387	ADVERTISING AND PROMOTION MANAGEMENT. PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT. 3 HOURS OR 1/2 UNIT							
	01529	LECT-DISC A	8	M	W	F	113	G H	WEDDING
	01537	LECT-DISC C	10	M	W	F	43	G H	WEDDING
ADV	388	ADVERTISING IN CONTEMPORARY SOCIETY. PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT. *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND 481. *2 HOURS OR 1/2 UNIT							
	01545	LECT-DISC L	8		TU	TH	123	G H	JUGENHEIMER
	01553	LECT-DISC M	9		TU	TH	123	G H	JUGENHEIMER
	01561	LECT-DISC P	11		TU	TH	18	G H	UNWIN
ADV	389	INTERNATIONAL ADVERTISING AND PROMOTION. PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT. 3 HOURS OR 1/2 UNIT							
	01570	LECT-DISC	9	M	W	F	113	G H	DUNN
ADV	390	ADVANCED CREATIVE STRATEGY. PREREQUISITE: ADV. 382 AND CONSENT OF DEPARTMENT. 2 HOURS OR 1/2 UNIT							
	01588	LECT-DISC	9-11		TU	TH	18	G H	WHITE
COURSES FOR GRADUATES									
ADV	481	ADVANCED ADVERTISING PRINCIPLES. SAME AS COMM. 481. *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND 481. *1 UNIT							
	01596	LECT-DISC	3-5	W			123	G H	WEDDING
ADV	482	RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS. SAME AS COMM. 482. PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS. 1 UNIT							
	01600	LECT-DISC	1-3	TU			123	G H	YANG
ADV	484	ADVERTISING AND CONSUMER BEHAVIOR. 1 UNIT							
	01618	LECT-DISC	3-5	M			18	G H	BARBAN
ADV	485	ADVERTISING PLANNING AND DECISION MAKING. 1 UNIT							
	01626	LECT-DISC	3-5		TH		18	G H	STEILEN
ADV	490	SPECIAL TOPICS IN ADVERTISING. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 1/2 OR 1 UNIT							
	01634	LECT-DISC R	1-3		TH		18	G H	
	01642	CONF S	ARR						STAFF
ADV	499	THESIS RESEARCH. PREREQUISITE: GRADUATE STANDING IN ADVERTISING. 1 OR 2 UNITS							
	01651	CONF	ARR						STAFF

AERONAUTICAL AND ASTRONAUTICAL ENGINEERING

DEPARTMENT OFFICE

101 T B

COURSES FOR UNDERGRADUATES

A A E 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

C1669 CONF A ARR

COURSES FOR ADVANCED UNDERGRADUATES

A A E 212 AERODYNAMICS, I.

PREREQUISITE: M. E. 207, T. A. M. 156, CREDIT OR REGISTRATION

IN MATH. 343.

4 HOURS

01677	LECT-DISC A	1	MTUW F	214	CER
01685	LECT-DISC B	9	MTUW F	203	T B

A A E 213 AERODYNAMICS, II.

PREREQUISITE: A. A. E. 212.

4 HOURS

01693	LECT-DISC A	2	MTUW F	214	CER
01707	LECT-DISC B	11	MTUW F	203	T B

A A E 224 FLIGHT STRUCTURES, I.

PREREQUISITE: T. A. M. 156 AND MATH. 345.

4 HOURS

01715	LECT-DISC A	7	MTUW F	103	T B
01723	LECT-DISC B	1	MTUW F	103	T B

A A E 225 FLIGHT STRUCTURES, II.

PREREQUISITE: A. A. E. 224.

4 HOURS

01731	LECT-DISC A	9	MTUW F	204	T B
01740	LECT-DISC B	1	MTUW F	204	T B
01758	LECT-DISC C	8	MTUW F	203	T B

A A E 233 AIRCRAFT PROPULSION.

PREREQUISITE: A. A. E. 212.

3 HOURS

01766	LECT-DISC A	8	M W F	103	T B
01774	LECT-DISC B	11	M W F	103	T B
01782	LECT-DISC C	3	M W F	103	T B

A A E 241 FLIGHT VEHICLE DESIGN.

PREREQUISITE: A. A. E. 213, 225, 233, 255, C. S. 101.

3 HOURS

01791	LECT-DISC A	3-5	M W	204	T B
	A	10-12	S	103	T B
01804	LECT-DISC B	3-5	TU TH	103	T B
	B	8-10	S	103	T B

A A E 254 AEROSPACE DYNAMIC SYSTEMS, I.

PREREQUISITE: MATH. 345 OR 349.

3 HOURS

01812	LECT-DISC A	10	M W F	203	T B
01821	LECT-DISC B	2	M W F	103	T B

A A E 255 AEROSPACE DYNAMIC SYSTEMS, II.

PREREQUISITE: A. A. E. 254.

4 HOURS

01839	LECT-DISC A	10	MTUW F	103	T B
01847	LECT-DISC B	1	MTUW F	202	T B
01855	LECT-DISC C	2	MTUW F	204	T B

A A E 260 AEROSPACE LABORATORY, I.
PREREQUISITE: A. A. E. 213, 225, 233 AND 255.
2 HOURS

01863	LECT-DISC	L1	2	TU	103	T B
	LAB	L1	3-5	M	111	AERO LAB B
01871	LECT-DISC	L2	2	TU	103	T B
	LAB	L2	3-5	TU	111	AERO LAB B
01880	LECT-DISC	L3	2	TU	103	T B
	LAB	L3	3-5	TH	111	AERO LAB B
01898	LECT-DISC	L4	1	TH	103	T B
	LAB	L4	3-5	M	111	AERO LAB B
01901	LECT-DISC	L5	1	TH	103	T B
	LAB	L5	3-5	TU	111	AERO LAB B
01910	LECT-DISC	L6	1	TH	103	T B
	LAB	L6	3-5	TH	111	AERO LAB B
01928	LECT-DISC	L7	2	TH	103	T B
	LAB	L7	3-5	M	111	AERO LAB B
01936	LECT-DISC	L8	2	TH	103	T B
	LAB	L8	3-5	TU	111	AERO LAB B
01944	LECT-DISC	L9	2	TH	103	T B
	LAB	L9	3-5	TH	111	AERO LAB B

A A E 263 AEROSPACE LABORATORY, II.
PREREQUISITE: A. A. E. 260.
2 HOURS

01952	LAB	A	ARR	111	AERO LAB B
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A A E 292 SEMINAR.
PREREQUISITE: SENIOR STANDING.
1 HOUR

01961	DISC	A	4	TU	103	T B
01979	DISC	B	10	TU	203	T B
01987	DISC	C	3	TH	103	T B
01995	DISC	D	9	TH	103	T B
02001	DISC	E	10	TH	103	T B
02010	DISC	F	11	TH	203	T B

A A E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS

02028	CONF	EA	ARR
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A A E 297 HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS

02036	CONF	EA	ARR
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

A A E 313 AERODYNAMICS OF INCOMPRESSIBLE FLUIDS.
PREREQUISITE: A. A. E. 213 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT

02044	LECT-DISC	A	8	M W F	202	T B
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A A E 314 AERODYNAMIC HEAT TRANSFER.
PREREQUISITE: A. A. E. 213.
3 HOURS, OR 3/4 OR 1 UNIT

02052	LECT-DISC	A	2	M W F	153B	M E B	VAN TASSELL
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A A E 327 THERMAL STRESSES AND CREEP BUCKLING.
PREREQUISITE: A. A. E. 326 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT

02061	LECT-DISC		9-1015	TU TH	214	CER	ZAK
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A A E 333 ELECTRIC PROPULSION.
3 HOURS OR 1 UNIT

02079	LECT-DISC	A	10	M W F	204	T B	BOND
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A A E 391 SPECIAL PROBLEMS.

PREREQUISITE: SENIOR STANDING IN ENGINEERING, CONSENT OF INSTRUCTOR.

2 TO 4 HOURS, OR 1/2 OR 1 UNIT

02087	LECT-DISC	M	ARR				
02095	LAB	B	ARR				
02109	LECT-DISC	C	11	M	W	F	201 T B
02117	LECT-DISC	D	1030-12	TU	TH		214 CER
02125	LECT-DISC	E	9	M	W	F	201 T B
02133	LECT-DISC	F	8	TU			204 T B
		F	8-10	TH			204 T B

SENTMAN
PRUSSING
SIVIER
STREHLOW

COURSES FOR GRADUATES

A A E 415 WING THEORY.

PREREQUISITE: MATH 346 OR EQUIVALENT.

1 UNIT

02141	LECT-DISC	A	9-1015	M	W		214 CER	ORMSBEE
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A A E 416 HYPERSONIC AERODYNAMICS.

PREREQUISITE: A. A. E. 411.

1 UNIT

02150	LECT-DISC	A	11-1215	M	W		204 T B	ORMSBEE
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A A E 418 THEORY OF RAREFIED GAS FLOWS.

PREREQUISITE: PHYCS. 362 OR A. A. E. 417.

1 UNIT

02168	LECT-DISC		2	M	W	F	202 T B	YEN
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A A E 429 THEORY OF LINEAR AND NONLINEAR VISCOELASTICITY.

PREREQUISITE: A. A. E. 326 OR CONSENT OF INSTRUCTOR.

1 UNIT

02176	LECT-DISC	A	8	M	W	F	204 T B	HILTON
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A A E 434 AERODYNAMIC HEATING.

PREREQUISITE: A. A. E. 414 OR EQUIVALENT.

1 UNIT

02184	LECT-DISC	A	11	M	W	F	214 CER	YEN
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A A E 453 STOCHASTIC PROCESSES IN ENGINEERING.

SAME AS T. A. M. 418.

PREREQUISITE: A. A. E. 452, E. E. 434, T. A. M. 417, OR EQUIVALENT.

1 UNIT

02192	LECT-DISC	A	10-1130	TU	TH		204 T B	LIN
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A A E 490 SEMINAR.

PREREQUISITE: GRADUATE STANDING IN AERONAUTICAL AND ASTRONAUTICAL ENGINEERING.

0 CREDIT

02206	CONF	A	ARR					
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A A E 493 SPECIAL PROBLEMS.

1 OR 2 UNITS

02214	CONF	A	ARR					STAFF
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A A E 499 THESIS RESEARCH.

0 TO 4 UNITS

02222	CONF	A	ARR					STAFF
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AGRICULTURAL ECONOMICS

DEPARTMENT OFFICE

305 M H

COURSES FOR UNDERGRADUATES

AG EC 100 INTRODUCTORY AGRICULTURAL ECONOMICS.

3 HOURS

02231	LECT-DISC	B1	9	M	W	F	320	M H
02249	LECT-DISC	B2	9	M	W	F	316N	M H
02257	LECT-DISC	C	10	M	W	F	320	M H

AG EC 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

*SECTION A: AGRICULTURAL POLICY DEBATE. 3 HOURS.

*SECTION S: AGRICULTURAL BUSINESS ACCOUNTING AND ORGANIZATION. 2 HOURS.

*SECTION M: PUBLIC ADMINISTRATION IN AGRICULTURE. 2 HOURS.

02265	CONF	*A	ARR					
02273	CONF	*S	2	TU TH		N107	T H	

02281	CONF	*M	9	TU TH		320	M H	
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SMITH
MUELLER AND
KRAUSZ
KRAUSZ, SPITZE
AND OTHERS

COURSES FOR ADVANCED UNDERGRADUATES

AG EC 200 PROBLEMS IN AGRICULTURAL ECONOMICS.

PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.

1 TO 5 HOURS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

*SECTION A: AGRICULTURAL MARKETING AND PRICES.

*SECTION B: STATISTICAL ANALYSIS.

*SECTION C: FARM MANAGEMENT AND LAND ECONOMICS.

*SECTION D: RURAL ORGANIZATION.

SECTION E: AGRICULTURAL LAW.

SECTION F: AGRICULTURAL POLICY AND ECONOMIC DEVELOPMENT.

SECTION G: AGRICULTURAL FINANCE.

*SECTION GB IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

02303	CONF	*A	ARR					STAFF
02311	CONF	*B	ARR					STAFF
02320	CONF	*C	ARR					STAFF
02338	CONF	*D	ARR					STAFF
02390	CONF	E	ARR					STAFF
02354	CONF	F	ARR					STAFF
02362	CONF	G	ARR					STAFF
02346	CONF	*GB	ARR					STAFF

AG EC 203 FARM TAXATION.

2 HOURS

02371	LECT-DISC	M	9	TU TH		242	BEV HALL	BOCK
02389	LECT-DISC	P	11	TU TH		313	M H	KRAUSZ

AG EC 220 FARM MANAGEMENT.

PREREQUISITE: AG. EC. 100 OR ECON. 103.

FIELD TRIPS, ESTIMATED EXPENSE, \$3.

3 HOURS

02397	LECT-DISC	A	8	M	W	F	316S	M H
02401	LECT-DISC	B	9	M	W	F	316S	M H
02419	LECT-DISC	C	10	M	W	F	316S	M H
02427	LECT-DISC	D	11	M	W	F	320	M H

AG EC 230 MARKETING OF AGRICULTURAL PRODUCTS.

FIELD TRIP, ESTIMATED EXPENSE, \$3.

3 HOURS

02435	LECT-DISC	F	2	M	W	F	313	M H	LEUTHOLD
02443	LECT-DISC	G	3	M	W	F	313	M H	LEUTHOLD

AG EC 238 DISTRIBUTION OF FARM SUPPLIES.
 PREREQUISITE: ACCY. 101 OR 201 AND ECON. 102 OR 108.
 3 HOURS
 02451 LECT-DISC N 10-12 TU 320 M H MUTTI
 N 10 TH 320 M H

AG EC 273 RECREATION IN RURAL AREAS.
 SAME AS REC. 273.
 PREREQUISITE: REC. 100 OR SOC. 100 OR R. SOC. 117.
 FIELD TRIPS, ESTIMATED EXPENSE, \$15.00.
 2 HOURS
 02460 LECT-DISC L 8 TU TH 316N M H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG EC 302 FINANCING AGRICULTURE.
 PREREQUISITE: ECON. 102 AND 103, OR 108.
 3 HOURS, OR 3/4 OR 1 UNIT
 02478 LECT-DISC C 10 M W F N107 T H

AG EC 303 AGRICULTURAL LAW.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 02486 LECT-DISC D 11 M W F W115 T H HANNAH
 02494 LECT-DISC E 1 M W F 316N M H KRAUSZ

AG EC 305 AGRICULTURAL POLICIES AND PROGRAMS.
 PREREQUISITE: ECON. 108.
 FIELD TRIP, COST, \$10.00.
 3 HOURS, OR 3/4 OR 1 UNIT
 02508 LECT-DISC P 11 TU 316S M H SPITZE
 P 10-12 TH 316S M H

AG EC 312 FARM APPRAISALS.
 SAME AS AGRON. 312.
 PREREQUISITE: AGRON. 101, AG. EC. 220 OR THEIR EQUIVALENT.
 FIELD TRIPS, ESTIMATED EXPENSE, \$10.00.
 5 HOURS, OR 3/4 OR 1 UNIT
 02516 LECT-DISC B 9 M W F 313 M H REISS
 B 8-12 S 313 M H

AG EC 324 FARM OPERATION.
 PREREQUISITE: AG. EC. 220.
 FIELD TRIPS, ESTIMATED EXPENSE, \$5.
 3 HOURS, OR 3/4 OR 1 UNIT
 02524 LECT-DISC C 10 M W F 313 M H VAN ARSDALL
 02532 LECT-DISC D 11 M W F 316S M H HINTON

AG EC 326 PROFESSIONAL FARM MANAGEMENT.
 PREREQUISITE: CREDIT OR REGISTRATION IN AG. EC. 324, AG. EC. 325.
 FIELD TRIPS, ESTIMATED EXPENSE, \$25.00.
 3 HOURS, OR 3/4 OR 1 UNIT
 02541 LECT-DISC A 8 M W F 320 M H HOLCOMB

AG EC 332 LIVESTOCK MARKETING.
 SAME AS AN. S. 332.
 PREREQUISITE: ECON. 108, AG. EC. 230 OR AN ELEMENTARY MARKETING
 COURSE.
 FIELD TRIP, ESTIMATED EXPENSE, \$15.00.
 3 HOURS, OR 3/4 OR 1 UNIT
 02559 LECT 2 F W109 T H BROADBENT
 02567 DISC F 2 M W 320 M H BROADBENT
 02575 DISC G 3 M W 320 M H BROADBENT

AG EC 335 ECONOMICS OF FOOD DISTRIBUTION.
 SAME AS HORT. 335.
 PREREQUISITE: ECON. 108, AG. EC. 230 OR AN ELEMENTARY MARKETING
 COURSE.
 3 HOURS, OR 3/4 OR 1 UNIT
 02583 LECT-DISC D 11 M W F 313 M H KELLY

AG EC 337 ECONOMIC HISTORY OF AMERICAN AGRICULTURE.
 SAME AS ECON. AND HIST. 337.
 PREREQUISITE: A COLLEGE-LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN HISTORY.
 *GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE REQUIRED TO DO EXTRA WORK.
 *3 HOURS, OR 3/4 OR 1 UNIT
 ALL STUDENTS WILL ENROLL IN THE LECTURE. AGRICULTURAL ECONOMICS STUDENTS SHOULD ENROLL IN DISC. L WHILE ECONOMICS AND HISTORY STUDENTS SHOULD ENROLL IN DISC. M.

02591	LECT		8-10	TU	313	M H	GUITHER
02605	DISC	L	8	TH	313	M H	GUITHER
02613	DISC	M	9	TH	313	M H	GUITHER

AG EC 342 AGRICULTURAL PRICES.
 PREREQUISITE: ECON. 102 AND 103, OR 108.
 3 HOURS, OR 3/4 OR 1 UNIT

02621	LECT-DISC	C	10	M W F	242	BEV HALL	SCHMIDT
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AG EC 353 ECONOMIC DEVELOPMENT IN INDIA AND SOUTHEAST ASIA.
 SAME AS ECON. 353.
 PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

02630	LECT-DISC	A	8	M W F	122	D K H	HERDT
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AG EC 354 ECONOMIC DEVELOPMENT OF TROPICAL AFRICA.
 SAME AS ECON. 354
 PREREQUISITE: ECON. 103 OR 108, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

02648	LECT-DISC	M	9-11	TU	332	ARMORY	DUE
		M	9	TH	332	ARMORY	

COURSES FOR GRADUATES

AG EC 401 INTERNATIONAL COMPARATIVE AGRICULTURE.
 1 UNIT

02656	LECT-DISC	F	2	M F	316S	M H	DOVRING
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AG EC 404 ECONOMICS OF AGRICULTURAL PRODUCTION.
 PREREQUISITE: ECON. 200 OR 300, AND AG. EC. 341 OR CONSENT OF INSTRUCTOR.
 1 UNIT

02664	LECT-DISC	L	830-10	TU TH	316S	M H	SWANSON
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AG EC 436 PROBLEMS IN MARKETING AGRICULTURAL PRODUCTS.
 1 UNIT

02672	LECT-DISC	R	130-3	TU TH	313	M H	BRINEGAR AND HILL
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AG EC 491 SEMINAR AND SPECIAL TOPICS.
 ALL GRADUATE STUDENTS MAJORING IN AGRICULTURAL ECONOMICS MUST REGISTER IN THE NON-CREDIT SECTION OF THIS COURSE.
 0 TO 2 UNITS
 *SECTION A IS FOR STUDENTS NOT ENROLLED FOR CREDIT.
 *SECTION B IS FOR STUDENTS RECEIVING INDIVIDUAL INSTRUCTION.
 *SECTION C IS FOR STUDENTS RECEIVING GROUP INSTRUCTION.

02681	LECT-DISC	*A	ARR				STAFF
02699	CONF	*B	ARR				STAFF
02702	LECT-DISC	*C	ARR				STAFF

AG EC 499 THESIS RESEARCH.
 0 TO 4 UNITS

02711	CONF		ARR				STAFF
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AGRICULTURAL ENGINEERING
INCLUDING AGRICULTURAL MECHANIZATION

DEPARTMENT OFFICE

245 AGR ENG

COURSES FOR UNDERGRADUATES

AG E 127	ENGINEERING IN AGRICULTURE, II. PREREQUISITE: AG. E. 126. 3 HOURS						
02729	LECT-DISC		9	M W F	240	AGR ENG	HUNT
02737	LAB	1	3-5	TU	132	AGR ENG	HUNT
02745	LAB	2	3-5	TH	209	AGR ENG	HUNT
AG E 199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS						
02753	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

AG E 236	MACHINE CHARACTERISTICS AND MECHANISMS. PREREQUISITE: MATH. 345, T. A. M. 211, AND CREDIT OR REGISTRATION IN C. S. 101. 3 HOURS						
02761	LECT	A	9	TU TH	240	AGR ENG	HOAG
02770	LAB	1	10-12	TU	132	AGR ENG	HOAG
02788	LAB	2	10-12	TH	132	AGR ENG	HOAG
02796	LAB	3	10-12	F	132	AGR ENG	HOAG
AG E 296	HONORS PROJECT. PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. 1 TO 4 HOURS						
02900	CONF	6A	ARR				LANHAM & STAFF
AG E 298	UNDERGRADUATE SEMINAR. PREREQUISITE: JUNIOR STANDING IN ENGINEERING. 3 DAY FIELD TRIP REQUIRED. 1 HOUR						
02818	DISC		4	TH	240	AGR ENG	LANHAM
AG E 299	UNDERGRADUATE THESIS. PREREQUISITE: AG. E. 298 AND SENIOR STANDING IN ENGINEERING. 2 TO 4 HOURS 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT OF 4.250.						
02826	CONF	A	ARR				LANHAM & STAFF
02834	CONF	6B	ARR				LANHAM & STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG E 311	INSTRUMENTATION AND MEASUREMENTS. SAME AS M. E. 311. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE. 3 OR 4 HOURS, OR 3/4 OR 1 UNIT						
02842	LECT		8	M W F	135	M E B	
AG E 336	DESIGN OF AGRICULTURAL MACHINERY. PREREQUISITE: AG. E. 236, AND CREDIT OR REGISTRATION IN M. E. 224. 3 HOURS OR 3/4 UNIT						
02851	LECT-DISC		2	M W F	240	AGR ENG	BUTLER
	LAB		3-5	M W	209	AGR ENG	BUTLER
AG E 340	INTRODUCTION TO APPLIED STATISTICS. SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT						
02869	LECT		9	TU TH	W109	T H	SEIF
02877	LAB-DISC	1	1-3	TU	W223	T H	SEIF
02885	LAB-DISC	2	3-5	TU	W223	T H	SEIF
02893	LAB-DISC	3	1-3	W	W121	T H	SEIF
02907	LAB-DISC	4	3-5	W	W223	T H	SEIF

AG F	348	AIR POLLUTION SEMINAR. SAME AS C. E., G. E., GEOG., M. E., U. P., AND V. M. S. 348. PREREQUISITE: SENIOR OR GRADUATE STANDING. 2 HOURS OR 1/2 UNIT									
	02915	LECT-DISC	3-5	W		218	M E B			PEARSON	
AG F	355	SOIL CONSERVATION STRUCTURES. PREREQUISITE: T. A. M. 235, AG. E. 277, OR EQUIVALENT. 3 HOURS OR 3/4 UNIT									
	02923	LECT	2	M	F	218	AGR ENG			LEMBKE	
		LAB	2-5	W		132	AGR ENG				
AG E	397	AGRICULTURAL PROCESS ENGINEERING. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT									
	02931	LECT	1	W	F	221	AGR ENG			SHOVE	
		LAB	3-5	TU		221	AGR ENG				
AG F	396	SPECIAL PROBLEMS. PREREQUISITE: SENIOR STANDING IN ENGINEERING. 1 TO 4 HOURS, OR 1/4 TO 1 UNIT									
	02940	CONF	A	ARR						LANHAM & STAFF	

COURSES FOR GRADUATES

AG E	435	DYNAMICS OF FARM MACHINE ELEMENTS. PREREQUISITE: AG. E. 236 AND 336, OR EQUIVALENT. 1 UNIT									
	02952	LECT-DISC	9	M	W F	132	AGR ENG			YOERGER	
AG E	440	DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS. SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 440. PREREQUISITE: AGRON. 340 OR EQUIVALENT. 3/4 UNIT									
	02966	LECT	3	M	W	W109	T H			WALKER	
	02974	LAB-DISC	1	1-3	TH	W223	T H				
	02982	LAB-DISC	2	3-5	TH	W223	T H				
AG E	490	SEMINAR. 1/4 UNIT									
	02991	DISC	2		TH	240	AGR ENG			GRADUATE STAFF	
AG E	496	PROBLEMS IN AGRICULTURAL ENGINEERING. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 1 UNIT									
	03007	CONF		ARR						LANHAM AND GRADUATE STAFF	
AG E	499	THESIS RESEARCH. 1 TO 4 UNITS									
	03015	CONF	A	ARR						STAFF	
	03023	CONF	J	ARR						JONES	
	03031	CONF	S	ARR						SHOVE	
	03040	CONF	W	ARR						WEBER	
	03058	CONF	Y	ARR						YOERGER	

AGRICULTURAL MECHANIZATION
DEPARTMENT OF AGRICULTURAL ENGINEERING

COURSES FOR UNDERGRADUATES

AG M	100	ENGINEERING APPLICATIONS IN AGRICULTURE. PREREQUISITE: MATH. 111, 112, 104 OR EQUIVALENT. 3 HOURS										
	03066	LECT	A	10	M	F	240	AGR	ENG		RODDA	
	03074	LAB-DISC	1	3-5	M		132	AGR	ENG			
	03082	LAB-DISC	2	1-3		TU	132	AGR	ENG			
	03091	LAB-DISC	3	10-12		W	132	AGR	ENG			
	03104	LAB-DISC	4	1-3		TH	132	AGR	ENG			
AG M	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS										
	03112	CONF		ARR							STAFF	

COURSES FOR ADVANCED UNDERGRADUATES

AG M	200	AGRICULTURAL MECHANICS SHOP: CONSTRUCTION TECHNOLOGY. PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR. 3 HOURS *10-WEEK COURSE FOR STUDENTS ENROLLED IN PRACTICE TEACHING ONLY.										
	03121	LAB	*1	1-3	MTU THF	VOC	AGR SHOP	ESPENSCHIED				
AG M	201	AGRICULTURAL MECHANICS SHOP: ELECTRICAL AND METAL WORK. PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR. 3 HOURS										
	03134	LECT	A	3		F	132	AGR ENG	ESPENSCHIED			
		LAB	A	3-5	M W		VOC	AGR SHOP	ESPENSCHIED			
AG M	241	FARM TRACTOR POWER. PREREQUISITE: AG. M. 112 OR 221. 3 HOURS										
	03147	LECT	A	10	TU TH		218	AGR ENG	WEBER			
		LAB	A	3-5	TH		132	AGR ENG				
AG M	252	MECHANICS OF SOIL AND WATER CONSERVATION. PREREQUISITE: AG. M. 100 OR 200. 3 HOURS										
	03155	LECT	A	11	TU TH		218	AGR ENG				
		LAB	A	2-5	TU		209	AGR ENG				
AG M	272	FARM BUILDINGS. PREREQUISITE: AG. M. 100 OR 200. 3 HOURS										
	03163	LECT	A	10	M	F	218	AGR ENG	CURTIS			
		LAB	A	10-12	W		209	AGR ENG				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG M	300	SPECIAL PROBLEMS. PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; SENIOR STANDING; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION. 1 TO 4 HOURS, OR 1/4 TO 1 UNIT *SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.									
	03171	CONF	A	ARR							LANHAM & STAFF
	03180	CONF	*6B	ARR							
AG M	361	DEVELOPMENT AND FUNCTION OF FAMILY HOUSING. SAME AS H. EC. 361. 3 HOURS OR 3/4 UNIT									
	03198	LECT	A	11	M	W		240	AGR	ENG	HANSEN
		LAB	A	10-12		F		209	AGR	ENG	

AG M	381	ELECTRO-MECHANICAL AGRICULTURAL SYSTEMS.						
		PREREQUISITE: AG. M. 281 OR GRADUATE STANDING IN AGRICULTURE.						
		3 HOURS OR 3/4 UNIT						
	03201	LECT	A	9	TU TH	221	AGR ENG	OLVER
		LAB	A	2-4	W	221	AGR ENG	

AGRICULTURE

COURSES FOR UNDERGRADUATES

AGR	100	AGRICULTURE IN MODERN SOCIETY.						
		REQUIRED OF ALL FRESHMEN IN AGRICULTURE.						
		1 HOUR						
	03210	LECT-DISC		1	TU	316S	M H	GARDNER

AGR	114	AGRICULTURAL JOURNALISM.						
		SAME AS JOURN. 114.						
		3 HOURS						
	03228	LECT-DISC		10	TU TH	313	M H	EVANS
	03236	LAB	A	1	TH	442	M H	
	03244	LAB	B	2	TH	442	M H	

AGR	199	UNDERGRADUATE OPEN SEMINAR.						
		*MAY BE REPEATED.						
		*0 TO 9 HOURS						
		SECTIONS A & B TOPIC: FUNCTIONAL COMMUNICATIONS. 1 OR 2 HOURS.						
		SECTION Y TOPIC: AGRICULTURE IN THE ENVIRONMENT. 0 TO 2 HOURS.						
	03252	LAB-DISC	A	9	TU TH	316N	M H	JACKSON
	03261	LAB-DISC	B	7-9PM	W	316N	M H	
	03279	CONF	Y	3-5	M	N107	T H	JENSEN AND LARSON

COURSES FOR ADVANCED UNDERGRADUATES

AGR	206	COOPERATIVE EXTENSION WORK.						
		PREREQUISITE: AGR. 114 AND A COURSE IN SOCIOLOGY OR CONSENT OF INSTRUCTOR.						
		3 HOURS						
	03287	LECT-DISC		10	TU TH	316N	M H	ANDERSON AND KAISER
				11	TH	316N	M H	

AGR	214	ADVANCED AGRICULTURAL JOURNALISM.						
		SAME AS JOURN. 214.						
		PREREQUISITE: AGR. 114 OR CONSENT OF INSTRUCTOR.						
		3 HOURS						
	03295	LECT-DISC		9	TU TH	442	M H	DAHL
		LAB		8	TU	442	M H	

AGRONOMY

DEPARTMENT OFFICE

W201 T H

COURSES FOR UNDERGRADUATES

AGRON 101 INTRODUCTORY SOILS.

PREREQUISITE: CHEM. 101, 111, OR FORMER 102; CREDIT OR
REGISTRATION IN GEOL. 105.

4 HOURS

03309	LECT	A	10	M	W	F	W109	T H
03317	LECT	B	11	M	W	F	W109	T H
03325	LAB	1	1-4	M			W 1	T H
03333	LAB	2	1-4	TU			W 1	T H
03341	LAB	3	1-4		W		W 1	T H
03350	LAB	4	9-12		TH		W 1	T H
03368	LAB	5	1-4		TH		W 1	T H
03376	LAB	6	2-5	M			W 1	T H
03384	LAB	7	2-5	TU			W 1	T H
03392	LAB	8	2-5		W		W 1	T H
03406	LAB	9	8-11		TH		W 1	T H
03414	LAB	10	2-5		TH		W 1	T H

HASSETT
HASSETT

AGRON 110 PLANT AND ANIMAL GENETICS.

SAME AS AN. S., D. S., AND HORT. 110.

PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101)
AND ZOOL. 104.

3 HOURS

03422	LECT		2	M	W		W109	T H
03431	LAB	1	1-3	TU			W 13	T H
03449	LAB	2	3-5	TU			W 13	T H
03457	LAB	3	1-3		TH		W 13	T H

ALEXANDER

AGRON 121 PRINCIPLES OF FIELD CROP SCIENCE.

4 HOURS

03465	LECT		8	M	W	F	W109	T H
03473	LAB	1	10-12	TU			W 13	T H
03481	LAB	2	1-3		W		W 13	T H
03490	LAB	3	3-5		W		W 13	T H
03503	LAB	4	10-12		TH		W 13	T H

BURGER

COURSES FOR ADVANCED UNDERGRADUATES

AGRON 290 UNDERGRADUATE AGRONOMY SEMINAR.

PREREQUISITE: SENIOR STANDING.

1 HOUR

03511	DISC		4		Th		N107	T H
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BURGER,
HASSETT,
D. A. MILLER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AGRON 300 ADVANCED SPECIAL PROBLEMS.

PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5; NOT OPEN TO STUDENTS
ON PROBATION; CONSENT OF THE INSTRUCTOR. APPROVAL OF
AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE
ENROLLMENT AND REGISTRATION.

*CREDIT IS NOT GIVEN TO GRADUATE STUDENTS MAJORING IN AGRONOMY.

*1 TO 5 HOURS, OR 1/2 UNIT TO 2 UNITS

SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
INSTRUCTOR.

03520	LAB-DISC	A	ARR					
03538	LAB-DISC	&B	ARR					

STAFF
STAFF

AGRON 301 SOIL SURVEY, WITH EMPHASIS ON ILLINOIS SOILS.

PREREQUISITE: AGRON. 101 OR CONSENT OF INSTRUCTOR.

FIELD TRIPS, ESTIMATED EXPENSE \$10.

3 HOURS OR 3/4 UNIT

03546	LECT		1	M	W		W223	T H
03554	LAB	1	1-3		F		W223	T H
03562	LAB	2	8-10		S		W223	T H

RAY

AGRON 304	SOIL MANAGEMENT AND CONSERVATION. PREREQUISITE: AGRON. 101. 3 HOURS OR 3/4 UNIT										
03571	LECT		9	M	W	F	W115	T	H	OSCHWALD	
AGRON 307	SOIL CHEMISTRY. PREREQUISITE: AGRON. 101 AND CHEM. 102. 3 HOURS OR 3/4 UNIT										
03589	LECT		8	M	W	F	W223	T	H	MELSTED	
AGRON 308	THE PHYSICS OF THE PLANT ENVIRONMENT. PREREQUISITE: PHYSCS. 102 AND ONE SEMESTER OF CALCULUS. 4 HOURS OR 1 UNIT										
03597	LECT		1-3	TU			W115	T	H	BOAST	
	LAB-DISC		1-4	TH			W115	T	H	BOAST	
AGRON 312	FARM APPRAISALS. SAME AS AG. EC. 312. PREREQUISITE: AGRON. 101 AND AG. EC. 220, OR EQUIVALENT. FIELD TRIPS, ESTIMATED EXPENSE, \$10.00. 5 HOURS, OR 3/4 OR 1 UNIT										
03601	LECT-DISC	B	9	M	W	F	313	M	H	REISS	
		B	8-12			S	313	M	H		
AGRON 313	SOIL MINERAL ANALYSIS. PREREQUISITE: AGRON. 101 OR CONSENT OF THE INSTRUCTOR. 4 HOURS OR 1 UNIT										
03619	LECT-DISC		9	M	W	F	W223	T	H	BEAVERS, JONES	
	LAB		ARR								
AGRON 320	CROP PHYSIOLOGY. PREREQUISITE: BOT. 100 OR EQUIVALENT AND ONE COURSE IN ORGANIC CHEMISTRY. 3 HOURS OR 3/4 UNIT										
03627	LECT		11	M	W	F	W223	T	H	RINNE	
AGRON 322	FORAGE CROPS AND PASTURES. PREREQUISITE: AGRON. 121. 3 HOURS OR 3/4 UNIT										
03635	LECT-DISC		10	M	W	F	W115	T	H	D. A. MILLER	
AGRON 340	INTRODUCTION TO APPLIED STATISTICS. SAME AS AG. E., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT										
03643	LECT		9	TU	TH		W109	T	H	SEIF	
03651	LAB-DISC	1	1-3	TU			W223	T	H		
03660	LAB-DISC	2	3-5	TU			W223	T	H		
03678	LAB-DISC	3	1-3	W			W121	T	H		
03686	LAB-DISC	4	3-5	W			W223	T	H		
AGRON 350	CROPS AND MAN. FIELD TRIP, ESTIMATED COST \$10.00. 3 HOURS OR 3/4 UNIT										
03694	LECT-DISC		3-5	M			W223	T	H	HARLAN	
			10-12			S	W223	T	H		
COURSES FOR GRADUATES											
AGRON 400	SEMINAR. REQUIRED OF ALL GRADUATE MAJORS IN AGRONOMY. PREREQUISITE: GRADUATE STANDING. 0 CREDIT										
03708	LAB-DISC	C	3	W			N107	T	H	JACKOBS	
03716	LAB-DISC	G	4	W			N107	T	H	BERNARD	
03724	LAB-DISC	PP	12	TH			113	D	H	HARPER	
03732	LAB-DISC	S	4	TU			W109	T	H	KURTZ	
AGRON 405	COLLOIDAL CHEMISTRY OF SOILS. PREREQUISITE: CHEM. 340 AND 341, OR EQUIVALENT. 1 UNIT										
03741	LECT-DISC		ARR							GIESEKING	

AGRON 414 PHYSICAL CHEMISTRY OF CLAYS AND SOILS.
 SAME AS MIN. E. AND CER. E. 414.
 PREREQUISITE: CHEM. 340 AND 341, OR EQUIVALENT OR CONSENT
 OF INSTRUCTOR.
 1 UNIT

03759	LECT	8-930	TU TH	N107 TH	R. J. MILLER
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AGRON 422 PASTURE, RANGE, AND SOIL CONSERVATION RESEARCH.
PREREQUISITE: AGRON. 121, AGRON. 321, OR 322.
1 UNIT
03767 LECT-DISC 8 M W F N107 T H JACKUBS

AGRON 423 CYTOGENETIC AND EVOLUTIONARY BASIS OF PLANT BREEDING.									
PREREQUISITE: AGRON. OR HORT. 323 OR EQUIVALENT OR									
CONSENT OF INSTRUCTOR.									
1 UNIT									
03775	LECT-DISC	1	8	W	F	W115	T H	HADLEY	
		1	3-5	TU		W121	T H		

AGRON 424 MINERAL NUTRITION OF PLANTS.
SAME AS BOT. AND HORT. 424.
PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR.
1 UNIT
03783 LECT-DISC 1 8 TU TH S W115 T H HAGEMAN
1 9 S W115 T H

DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS. SAME AS AG. E., AN. S., D. S., F. S., FUR., HORT., AND V. M. S., 440. PREREQUISITE: AGRON. 340 OR EQUIVALENT. 3/4 UNIT									
03791	LECT		9	M	W	W109	T	H	CARMER
03805	LAB-DISC	1	1-3		TH	W223	T	H	
03813	LAB-DISC	2	3-5		TH	W223	T	H	

AGRON 442 ENVIRONMENTAL PLANT PHYSIOLOGY.
SAME AS BOT. 442.
PREREQUISITE: CHEM. 133, GENERAL PHYSICS, GENERAL OR PLANT
PHYSIOLOGY AND CONSENT OF INSTRUCTOR.
3/4 UNIT

03821	LECT	1	M	W	F	308	N	H	B	BOYER
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AGRON 493 ADVANCED STUDIES IN AGRONOMY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:

- A--SOIL CHEMISTRY.
- B--SOIL FERTILITY.
- C--SOIL PHYSICS.
- D--SOIL CLASSIFICATION AND PEDOLOGY.
- E--SOIL MINERALOGY.
- F--SOIL MICROBIOLOGY.
- G--PLANT BREEDING AND GENETICS.
- H--PLANT PHYSIOLOGY.
- I--WEED CONTROL.
- J--CROP MORPHOLOGY.
- K--CROP PRODUCTION AND ECOLOGY.
- L--STATISTICAL TECHNIQUES AND DATA PROCESSING.

03830	CONF	A	ARR	STAFF
03848	CONF	B	ARR	STAFF
03856	CONF	C	ARR	STAFF
03864	CONF	D	ARR	STAFF
03872	CONF	E	ARR	STAFF
03881	CONF	F	ARR	STAFF
03899	CONF	G	ARR	STAFF
03902	CONF	H	ARR	STAFF
03911	CONF	I	ARR	STAFF
03929	CONF	J	ARR	STAFF
03937	CONF	K	ARR	STAFF
03945	CONF	L	ARR	STAFF

AGRON 499 THESIS RESEARCH.

0 TO 4 UNITS

WORK TO BE TAKEN IN THE FOLLOWING SUBJECTS:

A-SOILS

ALDRICH, BEAVERS, BRAIDS, FEHRENBACHER, GIESEKING, HINESLY, JONES, KURTZ, MELSTED, R. J. MILLER, MILLINGTON, ODELL, PETERS, RAY, RUNGE, STEVENSON, TYNER, WALKER, WELCH.

B-CROPS

ALEXANDER, BERNARD, BROWN, BURGER, CARMER, COOPER, DEWET, DUDLEY, EARLEY, GERDEMANN, HADLEY, HAGEMAN, HANSON, HARLAN, HILTIBRAN, HITTLE, HOOKER, HYMOWITZ, JACKOBS, KNAKE, LAMBERT, LAUGHMAN, LENG, MCGLAMERY, D. A. MILLER, OGREN, PATTERSON, PENDLETON, RINNE, SCOTT, SEIF, SLIFE, WAX, WEBER, WEIBEL, WIDHOLM, WILSON AND WOOLLEY.

03953

CONF

ARR

STAFF

AIR FORCE AEROSPACE STUDIES

DEPARTMENT OFFICE

230 ARMORY

COURSES FOR UNDERGRADUATES

AFAS 100

CORPS TRAINING.

MUST BE TAKEN IN CONJUNCTION WITH OTHER COURSES.

PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY, CITIZEN OF THE UNITED STATES.

NO CREDIT

03961

LAB

A

7PM

W

101 ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED OF ALL CADETS.

AFAS 112

FRESHMAN THEORY COURSE: STRATEGIC OFFENSIVE AND DEFENSIVE FORCES OF THE UNITED STATES.

AFAS CONTINUATION OF AFAS 111.

PREREQUISITE: AFAS 111 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

03970

LECT-DISC E

1

M

325E ARMORY

03988

LECT-DISC F

2

M

325E ARMORY

03996

LECT-DISC M

9

TU

325E ARMORY

AFAS 122

SOPHOMORE THEORY COURSE: WORLD MILITARY SYSTEMS, II.

AFAS CONTINUATION OF AFAS 121.

PREREQUISITE: AFAS 121 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04002

LECT-DISC P

1

W

325E ARMORY

04011

LECT-DISC N

10

TH

325E ARMORY

COURSES FOR ADVANCED UNDERGRADUATES

THE FOLLOWING AIR FORCE AEROSPACE STUDIES COURSE MAY BE TAKEN UPON APPLICATION BY STUDENTS WHO MEET THE REQUIRED STANDARDS. COMMISSIONS IN THE AIR FORCE RESERVE ARE AWARDED THOSE STUDENTS WHO SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE ACADEMIC REQUIREMENTS FOR A DEGREE SUBJECT TO ALLOCATIONS OF COMMISSIONS TO BE MADE BY AIR FORCE R.O.T.C. STUDENTS ARE PAID RETAINER PAY, ARE FURNISHED A UNIFORM, AND ARE REQUIRED TO ATTEND A SUMMER ENCAMPMENT PRIOR TO THE PROFESSIONAL OFFICER COURSE.

ADVANCED AIR FORCE R.O.T.C. COURSES REQUIRE THREE HOURS OF INSTRUCTION A WEEK.

GENERAL PREREQUISITE: SUCCESSFUL COMPLETION OF THE FRESHMAN AND SOPHOMORE AIR FORCE R.O.T.C. COURSES OR THE SIX-WEEK FIELD TRAINING PROGRAM OR EQUIVALENT TRAINING AS APPROVED BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, PASS OFFICERS TYPE PHYSICAL EXAMINATION, ACHIEVE SATISFACTORY SCORES ON THE AIR FORCE OFFICERS QUALIFICATION TEST, AND ACCEPTANCE BY A BOARD OF AIR FORCE OFFICERS.

AFAS 232 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE POWER, II.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04029	LECT-DISC B	9	M W F	222	ARMORY
04337	LECT-DISC C	10	M W F	222	ARMORY

AFAS 242 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER, II.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

04045	LECT-DISC B	9	M W F	325E	ARMORY
04053	LECT-DISC C	10	M W F	325E	ARMORY
04061	LECT-DISC D	11	M W F	325E	ARMORY

AMERICAN CIVILIZATION

MAJOR: STUDENTS WHO ELECT AMERICAN CIVILIZATION AS A MAJOR MUST COMPLETE FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS FOR GRADUATION) IN COURSES INDICATED BELOW, AT LEAST TWENTY HOURS BEING IN COURSES NUMBERED 300 OR ABOVE. THEY ARE REQUIRED TO MAINTAIN A 3.0 GENERAL AVERAGE AT ALL TIMES, THAT IS, WHEN THE AVERAGE DROPS BELOW THAT LEVEL THE STUDENT SHALL DROP FROM THIS MAJOR. SPECIFICALLY REQUIRED ARE:

1. ENGL. 256, HIST. 151-152, AND EITHER ART 323 OR 324 OR PHIL. 313 (A TOTAL OF FIFTEEN HOURS). EQUIVALENT OR MORE ADVANCED COURSES MAY BE SUBSTITUTED PROVIDED THAT, TAKEN TOGETHER, THEY CONSTITUTE COMPREHENSIVE SURVEYS OF THE THREE FIELDS OF AMERICAN HISTORY, AMERICAN LITERATURE, AND EITHER AMERICAN ART OR AMERICAN PHILOSOPHY. APPROVAL FOR ANY SUCH SUBSTITUTION MUST BE REQUESTED BY A PETITION TO THE DEAN BEARING THE RECOMMENDATION OF THE ADVISOR FOR THE CURRICULUM.

2. AT LEAST SIX HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST SIX HOURS OF ADVANCED WORK IN HISTORY, CHOSEN FROM THE FOLLOWING COURSES ALL OF WHICH ARE IN THE AMERICAN FIELD: ENGL. 285-286, 287, 316, 352, 353-354, 375-376, HIST. 352, 354, 355, 356, 357-358, 359, 360, 361-362, 363-364, 367-368, 369-370, 371-372, 373-374. SPEECH 366 MAY BE SUBSTITUTED FOR ENGL. 316.

3. AT LEAST SIX HOURS FROM THE FOLLOWING COURSES: ARCH. 215-216, ECON 236, ED. 302, GEOG. 223, POL. S. 150-151, 351, 381, 397, SPCH. 312; OR COURSES LISTED IN THE PRECEDING PARAGRAPHS, IF NOT COUNTED TOWARD THE REQUIREMENTS THEREUNDER.

4. AT LEAST SIX ADDITIONAL HOURS IN ONE OF THE FOLLOWING DEPARTMENTS: ART, ENGLISH, HISTORY, PHILOSOPHY OR POLITICAL SCIENCE CHOSEN FROM COURSES WHICH DEAL WITH NON-AMERICAN ASPECTS OF THE SUBJECT BUT WHICH ARE CLOSELY RELATED TO SPECIFIC COURSES SELECTED UNDER THE PRECEDING REQUIREMENTS, SUCH AS, FOR EXAMPLE, A COURSE DEALING WITH THE SAME PERIOD IN EUROPEAN HISTORY OR IN ENGLISH LITERATURE.

THE COMMITTEE IN CHARGE OF THE CURRICULUM ADVISES EACH STUDENT CONCERNING THESE ADDITIONAL HOURS, ASSUMES RESPONSIBILITY FOR THE STUDENTS REGISTRATION IN THE PROPER COURSES, AND FILES A RECORD OF THE STUDENTS REGISTRATION INDICATING THE SPECIFIC COURSES APPROVED AS SATISFYING THIS REQUIREMENT IN THE OFFICE OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

ADVISER--CHAIRMAN OF THE COMMITTEE IN CHARGE--PROFESSOR WALLACE
D. FARNHAM, GREGORY HALL

MINORS: THIS CURRICULUM HAS BEEN APPROVED AS A MINOR FOR STUDENTS
MAJORING IN GEOGRAPHY, HISTORY, POLITICAL SCIENCE, AND SPEECH. A
SPLIT MINOR IS NOT AUTHORIZED. NO COURSE COUNTED TOWARD THE
STUDENTS MAJOR MAY BE COUNTED TOWARD THE MINOR. THE MINOR CONSISTS
OF AT LEAST TWENTY SEMESTER HOURS, INCLUDING THE REQUIRED COURSES
HIST. 151-152 AND ENGL. 113-114, AND IN ADDITION:

1. AT LEAST THREE HOURS FROM COURSES LISTED UNDER (2) OF THE
REQUIREMENTS FOR THE MAJOR IN AMERICAN CIVILIZATION, EXCLUDING
THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH
THE STUDENT IS MAJORING.

2. THE REMAINDER, IF ANY, CHOSEN FROM COURSES LISTED UNDER (1)
AND (3) OF THE REQUIREMENTS FOR MAJOR IN AMERICAN CIVILIZATION,
EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN
WHICH THE STUDENT IS MAJORING.

ANIMAL SCIENCE

DEPARTMENT OFFICE

328 M H

COURSES FOR UNDERGRADUATES

AN S 100 INTRODUCTION TO ANIMAL SCIENCE.

3 HOURS

04070	LECT	A	3	M	F	135	A S L	BRAY AND OTHERS
	LAB	A	3-5		W	135	A S L	
		A	3-5		W		STOCK PAVILION	

AN S 103 MEAT ANIMAL EVALUATION.

PREREQUISITE: AN. S. 100.

3 HOURS

04088	LECT		1		F	STOCK PAVILION	HANKES AND ROMANS
	LAB-DISC		1-3	M		STOCK PAVILION	
	LAB	1	12-2		W	152 C A	
		2	3-5		W	152 C A	

AN S 110 PLANT AND ANIMAL GENETICS.

SAME AS AGON., D. S., AND HORT. 110.

PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101)
AND ZOOL. 104.

3 HOURS

04119	LECT		2	M	W	W109	T H	ALEXANDER AND STAFF
04126	LAB	1	1-3		TU	W 13	T H	
04134	LAB	2	3-5		TU	W 13	T H	
04142	LAB	3	1-3		TH	W 13	T H	

AN S 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

04151	CONF		ARR					STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

AN S 200 SPECIAL PROBLEMS.

PREREQUISITE: MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS
ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD
OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS
REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD
SPECIAL PROBLEMS COURSE.

1 TO 5 HOURS

*SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
INSTRUCTOR.

04169	CONF	A	ARR				STAFF
04177	CONF	*6B	ARR				

AN S 201	LIVESTOCK MANAGEMENT. SAME AS D. S. 201. PREREQUISITE: AN. S./D. S. 221 OR AN. S. 325. *ANIMAL AND DAIRY SCIENCE MAJORS DO NOT RECEIVE CREDIT FOR THIS COURSE. *5 HOURS		04185	LECT-DISC	11	MTUWTHF	135	A S L	JOHNSON AND SPAHR
AN S 204	PRINCIPLES OF MEAT TECHNOLOGY. PREREQUISITE: CHEM. 102 (NEW), OR 132, OR 133. FIELD TRIP, ESTIMATED COST \$30. 4 HOURS		04193	LAB-DISC	1-5	TU TH	152	C A	ROMANS, ROBSON AND LOHMAN
AN S 206	HORSE PRODUCTION. PREREQUISITE: AN. S. 220 OR 221 OR EQUIVALENT. 3 HOURS		04207	LECT-DISC	3 4	TU TH TU	STOCK PAVILION STOCK PAVILION		ALBERT
AN S 211	BREEDING ANIMAL EVALUATION. PREREQUISITE: AN. S. 103. 3 HOURS		04215	LECT LAB	3 3-5	M F W	STOCK PAVILION STOCK PAVILION		ALBERT
AN S 221	ANIMAL NUTRITION. SAME AS D. S. 221. PREREQUISITE: CHEM. 102 (NEW), 132, OR 133. *CREDIT IS NOT GIVEN FOR BOTH AN. S. 221 AND 325. *4 HOURS		04223	LECT-DISC	10	TUWTHF	135	A S L	BAKER AND BAUMAN
AN S 230	COMPARATIVE PHYSIOLOGY OF REPRODUCTION, LACTATION AND GROWTH. SAME AS D. S. 230. PREREQUISITE: ZOOL. 104 AND ONE COURSE IN CHEMISTRY. 3 HOURS		04231	LECT LAB	9 10-12	TU TH TU	W115 T H 414 A S L		DZIUK AND HAYS
AN S 299	SEMINAR. PREREQUISITE: SENIOR STANDING. 1 HOUR		04240	LECT-DISC	2	TH	121	A S L	GARRIGUS
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES									
AN S 301	BEEF PRODUCTION. PREREQUISITE: AN. S. 221, OR EQUIVALENT. 3 HOURS, OR 1/2 OR 3/4 UNIT		04258	LECT	8	M W F	135	A S L	HATFIELD
AN S 303	PORK PRODUCTION. PREREQUISITE: AN. S. 221, OR EQUIVALENT. 3 HOURS OR 3/4 UNIT		04266	LECT QUIZ	A 8 A 8	M F W	313 M H 313 M H		JENSEN
AN S 305	GENETICS AND ANIMAL IMPROVEMENT. SAME AS D. S. 305. PREREQUISITE: AN. S. 110 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT		04274	LECT DISC	10 10	M W F	316N M H 316N M H		RASMUSEN AND GROSSMAN
AN S 320	NUTRITION AND DIGESTIVE PHYSIOLOGY OF RUMINANTS. SAME AS D. S. 320. PREREQUISITE: D. S./AN. S. 221. 3 HOURS OR 3/4 UNIT		04282	LECT	9	M W F	N107 T H		DAVIS AND HINDS

AN S 325 PRINCIPLES OF ANIMAL NUTRITION.
 PREREQUISITE: CHEM. 354 OR CHEM. 350 AND 355.
 *CREDIT NOT ALLOWED FOR AN. S. 325 IN ADDITION TO CREDIT IN
 AN. S./D. S. 221.
 *5 HOURS OR 1 1/4 UNITS

04291	LECT		10	M	W	F	253	V	M	OWENS
	LAB-DISC		1		TU		253	V	M	
04304	LAB	A	8-10		TU		266	V	M	
04312	LAB	B	8-10		TH		266	V	M	

AN S 332 LIVESTOCK MARKETING.
 SAME AS AG. EC. 332.
 PREREQUISITE: ECON. 108, AG. EC. 230, OR AN ELEMENTARY MARKETING
 COURSE.
 FIELD TRIP, ESTIMATED EXPENSE \$15.00.
 3 HOURS, OR 3/4 OR 1 UNIT

04321	LECT		2			F	W109	T	H	BROADBENT
04339	DISC	F	2		M	W	320	M	H	
04347	DISC	G	3		M	W	320	M	H	

AN S 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND
 V. M. S. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT

04355	LECT		9		TU	TH	W109	T	H	SEIF
04363	LAB-DISC	1	1-3		TU		W223	T	H	
04371	LAB-DISC	2	3-5		TU		W223	T	H	
04380	LAB-DISC	3	1-3			W	W121	T	H	
04398	LAB-DISC	4	3-5			W	W223	T	H	

AN S 341 HUMAN EVOLUTION, II.
 SAME AS ANTH. 341.
 PREREQUISITE: ANTH. 102 OR ZOO. 101 OR 104, OR CONSENT OF
 INSTRUCTOR.
 *ADDITIONAL WORK WILL BE REQUIRED OF GRADUATE STUDENTS REGISTERING
 FOR ONE UNIT OF CREDIT IN THIS COURSE.
 *3 HOURS, OR 1/2 OR 1 UNIT

04401	LECT-DISC		2		M	W	F	312	D	H	GILES AND RASMUSEN

AN S 350 WORLD ANIMAL AGRICULTURE.
 SAME AS D. S. 350.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT

04410	LECT		8		M	W	F	316N	M	H	KASTELIC AND BROWN

COURSES FOR GRADUATES

AN S 400 PRESENTATION OF EXPERIMENTAL RESULTS.
 1/4 UNIT

04428	LECT-DISC		4			TH	104	AN	GEN	DZIUK
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AN S 402 PRINCIPLES OF SHEEP AND WOOL PRODUCTION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT

04436	LECT-DISC	ARR					101	S	P	HATFIELD, JOHNSON AND OWENS
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AN S 403 TECHNIQS AND TOPICS IN ANIMAL RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT

04444	LECT-DISC		3		TU	TH	313	M	H	HARMON AND HINDS
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AN S 406 PHYSIOLOGY OF REPRODUCTION.
 SAME AS ZOO. 406.
 1 UNIT

04452	LAB-DISC		1-3		TU	TH	135	A	S	L	NALBANDOV
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AN S 408	LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION. SAME AS ZOOL. 408. PREREQUISITE: CONSENT OF INSTRUCTOR. *COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS. *1/2 TO 1 UNIT										DZIUK AND NALBANDOV
04461	LAB		ARR								
AN S 410	RESEARCH METHODS IN ANIMAL SCIENCE. PREREQUISITE: CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 1 UNIT. *1/4 TO 1 UNIT										GRADUATE STAFF
04479	CONF		ARR								
AN S 412	ADVANCED ENDOCRINOLOGY. SAME AS D. S., PHYSL., AND ZOOL. 412 PREREQUISITE: CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 2 UNITS. *1/2 UNIT TOPIC--TO BE ANNOUNCED.										NALBANDOV, FOSTER, GORSKI JACKSON, DZIUK
04487	DISC		730-10PM	M		140	BUR HALL				
AN S 416	POPULATION GENETICS AND ANIMAL BREEDING. SAME AS D. S. 416. PREREQUISITE: AN. S. 110 OR EQUIVALENT. 1 UNIT										
04495	LECT		8	M	W	F	341	A S L			
AN S 420	COMPARATIVE NUTRITION. PREREQUISITE: CHEM. 350 AND 355. 1 UNIT										FORBES
04509	LECT		11		MTWTH		205	F S L			
AN S 440	DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS. SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND V. M. S. 440. PREREQUISITE: AN. S. 340 OR EQUIVALENT. 3/4 UNIT										SEIF, CARMER AND WALKER
04517	LECT		9	M	W		W109	T H			
04525	LAB-DISC	1	1-3		TH		W223	T H			
04533	LAB-DISC	2	3-5		TH		W223	T H			
AN S 463	RADIOISOTOPES IN BIOLOGICAL RESEARCH: PRINCIPLES AND PRACTICE. SAME AS V.M.S. 463 AND BIOPH 463. PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS, PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR. 3/4 UNIT										TWARDOCK AND ANDERSON
04541	LECT		11	M	W		253	V M			
04550	LAB	A	1-5		TU		232	V M			
04568	LAB	B	1-5		TH		232	V M			
AN S 481	ANIMAL BIOCHEMICAL LABORATORY TECHNIQUES. SAME AS D. S. 481. PREREQUISITE: CHEM. 350 AND 355; CONSENT OF INSTRUCTOR. 1 UNIT *PLUS TWO HOURS TO BE ARRANGED.										LARSON AND OTHERS
04576	LAB-DISC		*1-4		TU TH		341	A S L			
AN S 496	THE USE OF CARBON-14 IN LABELING TECHNIQUES. SAME AS CHEM. 496. PREREQUISITE: CHEM. 336, 337, AND 338, OR EQUIVALENT, CONSENT OF INSTRUCTOR. 3/4 OR 1 UNIT.										NYSTROM AND SHAW
04584	LECT		11		TU TH		217	N L			
04592	LAB	A	1-5		TU		163	D H			
04606	LAB	C	1-5		W		163	D H			
04614	LAB	D	1-5		TH		163	D H			
04622	LAB	E	1-5		F		163	D H			
AN S 499	THESIS RESEARCH. 0 TO 4 UNITS										GRADUATE STAFF
04631	CONF		ARR								

ANTHROPOLOGY

DEPARTMENT OFFICE

109 D H

MAJOR: TWENTY HOURS IN ANTHROPOLOGY, EXCLUDING ANTH. 102 AND 103. STUDENTS ARE STRONGLY ADVISED TO TAKE AT LEAST ONE COURSE FROM EACH OF THE PRINCIPAL FIELDS OF ANTHROPOLOGY: ARCHAEOLOGY, ETHNOLOGY (INCLUDING AT LEAST ONE COURSE DEALING WITH A PARTICULAR WORLD AREA), LINGUISTICS, AND PHYSICAL ANTHROPOLOGY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: CLASSICS, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LINGUISTICS, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY AND ZOOLOGY. THE INTERDEPARTMENTAL PROGRAM IN ASIAN STUDIES, LATIN-AMERICAN STUDIES OR IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A SOLE MINOR.

COURSES FOR UNDERGRADUATES

ANTH 101 CONCEPTS IN GENERAL ANTHROPOLOGY.

*CREDIT IS NOT GIVEN FOR ANTH. 101 AND 102-103.

*4 HOURS

04649	LECT-DISC		9	M	W	F	62	K	M
04657	DISC	A	8				313	D	H
04665	DISC	B	8			TH	313	D	H
04673	DISC	C	9			TH	313	D	H
04681	DISC	D	12			TH	313	D	H
04690	DISC	E	1			TU	313	D	H

BRUKMAN, GIBBON
GRISSMAN, ROSS

ANTH 102 INTRODUCTION TO ANTHROPOLOGY: THE ORIGIN OF MAN AND CULTURE.

*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.

*4 HOURS

*HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

04703	LECT-DISC		10	M	W	F	100	N	L
04711	DISC	A	8			TU	109A	D	H
04720	DISC	B	8			TU	209A	D	H
04738	DISC	C	8			TH	109A	D	H
04746	DISC	D	9			TU	209A	D	H
04754	DISC	E	9			TH	209A	D	H
04762	DISC	F	9			TU	313	D	H
04827	DISC	EG	10			TH	313	D	H
04771	DISC	H	10			TH	209A	D	H
04789	DISC	I	10			TH	137	ADMIN	
04797	DISC	J	1			TU	209A	D	H
04801	DISC	K	1			TU	312	D	H
04819	DISC	L	2			TU	209A	D	H

GROVE

ANTH 103 INTRODUCTION TO CULTURAL ANTHROPOLOGY.

*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.

*4 HOURS

*SECTION G IS AN HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

04835	LECT-DISC		11	M	W	F	141	COM	W
04843	DISC	A	8			TU	113	D	H
04851	DISC	B	8			TH	209A	D	H
04860	DISC	C	8			TH	113	D	H
04878	DISC	D	2			TU	313	D	H
04886	DISC	E	10			TU	313	D	H
04894	DISC	F	11			TU	313	D	H
04959	DISC	EG	11			TU	209A	D	H
04908	DISC	H	12			TU	109A	D	H
04916	DISC	I	10			TH	312	N	L
04924	DISC	J	11			TH	313	D	H
04932	DISC	K	11			TH	209A	D	H
04941	DISC	L	2			TU	8	C	A

GRISSMAN

ANTH 174 AMERICAN COMMUNITIES AND THEIR PROBLEMS.

*4 HOURS

04967	LECT-DISC		9	TU TH		213	G H
04975	DISC	A	3-5	M		174	L H
04983	DISC	B	3-5	TU		110	L H
04991	DISC	C	3-5	W		262	L H
05008	DISC	D	3-5	TH		116	L H
05016	DISC	E	3-5		F	108	L H
05024	DISC	F	3-5	TU		116	L H

H.P. STEPHENS

ANTH 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION A TOPIC: KINGDOMS OF AFRICA.
 SECTION B TOPIC: INDIVIDUAL TOPICS IN AMERICAN COMMUNITIES.
 SECTION C TOPIC: THE ROLE OF A BLACK MUSICIAN IN SOCIAL CHANGE.
 05032 CONF A ARR
 05041 CONF B ARR
 05059 CONF C ARR
 KELLER
 STEPHENS
 ZAMORA

COURSES FOR ADVANCED UNDERGRADUATES

ANTH 230 INTRODUCTION TO SOCIAL-CULTURAL ANTHROPOLOGY.
 PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 05067 LECT-DISC 3 M W F 209A D H ROSS

ANTH 240 INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY.
 3 HOURS
 05075 LECT-DISC 10 M W F 349 ARMORY GILES

ANTH 261 AFRO-AMERICAN SOCIETIES AND CULTURES.
 PREREQUISITE: ANTH. 101 OR 103, OR 174.
 4 HOURS
 05083 LECT-DISC 11 M W F 242 BEV HALL WHITTEN
 05091 DISC A 1 TU 109A D H
 05105 DISC B 3 TU 313 D H
 05113 DISC C 3 TU 209A D H

ANTH 280 ANTHROPOLOGICAL THEORY IN CONTEMPORARY PERSPECTIVE.
 PREREQUISITE: A MAJOR IN ANTHROPOLOGY OR CONSENT OF THE INSTRUCTOR.
 3 HOURS
 05121 LECT-DISC 2 M W F 209A D H GOULD

ANTH 290 HONORS COURSE.
 PREREQUISITE: SENIOR STANDING AND 4.0 AVERAGE.
 2 TO 4 HOURS
 05130 CONF ARR STAFF

ANTH 291 HONORS COURSE.
 PREREQUISITE: SENIOR STANDING AND 4.0 AVERAGE.
 2 TO 4 HOURS
 05148 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ANTH 300 INTRODUCTION TO LINGUISTICS.
 SAME AS LING. 300.
 PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT
 IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
 3 HOURS OR 1/2 UNIT
 05156 LECT-DISC A 1 M W F 221 G H
 05164 LECT-DISC B 2 M W F 4 G H

ANTH 315 AREA STUDIES IN ETHNOMUSICOLOGY.
 SAME AS MUSIC 317.
 PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 12 HOURS OR 2 UNITS
 *3 HOURS OR 1/2 UNIT
 TOPIC: LATIN-AMERICAN FOLK MUSIC.
 05172 LECT-DISC A 1 M W F 101 H A BEHAGUE

ANTH 316 INTRODUCTION TO MUSIC OF THE WORLD'S CULTURES.
 SAME AS MUSIC 316.
 FOR STUDENTS OUTSIDE THE SCHOOL OF MUSIC.
 PREREQUISITE: ANTH. 103 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 05181 LECT-DISC A 9 M W F 104 1203 W NEV NETTL

ANTH 317	LANGUAGES OF THE WORLD. SAME AS LING. 317. PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05199	LECT-DISC	3	M W F	4 G H	
ANTH 321	PRIMITIVE SOCIAL ORGANIZATION. PREREQUISITE: ANTH. 103, OR 260, OR 280, OR EQUIVALENT. 3 HOURS OR 1 UNIT	05202	LECT-DISC	2	M W F	109A D H	SCHILDKROUT
ANTH 341	HUMAN EVOLUTION, II. SAME AS AN. S. 341. PREREQUISITE: ANTH. 102 OR ZOOL. 101 OR 104, OR CONSENT OF INSTRUCTOR. *ADDITIONAL WORK WILL BE REQUIRED OF GRADUATE STUDENTS REGISTERING FOR ONE UNIT OF CREDIT IN THIS COURSE. *3 HOURS, OR 1/2 OR 1 UNIT	05211	LECT-DISC	2	M W F	312 D H	GILES AND RASMUSSEN
ANTH 348	PREHISTORY OF AFRICA. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	05229	LECT-DISC	1030-12	TU TH	311 D H	KELLER
ANTH 350	SOUTH AMERICAN CULTURE HISTORY, II. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	05237	LAB-DISC	10	M W F	109A D H	LATHRAP
ANTH 357	MIDWESTERN PREHISTORY. PREREQUISITE: ANTH. 220 OR EQUIVALENT OR CONSENT OF THE INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05245	LAB-DISC	9-1030	TU TH	109A D H	GIBBON
ANTH 361	PEOPLES AND CULTURES OF MEXICO AND GUATEMALA. PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05253	LECT-DISC	9-1030	TU TH	152 C A	BUTTERWORTH
ANTH 366	PEOPLES OF SOUTHEAST ASIA AND INDONESIA. PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05261	LECT-DISC	2	M W F	221 G H	LEHMAN
ANTH 368	PEOPLES AND CULTURES OF INDIA. PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	05270	LECT-DISC	4	M W F	209A D H	GOULD
ANTH 370	LANGUAGE, CULTURE, AND SOCIETY. SAME AS COMM. AND LING. 370. 3 HOURS, OR 1/2 OR 1 UNIT	05288	LECT-DISC	3	M W F	304 L H	BRUKMAN
ANTH 374	PROBLEMS IN HUMAN ECOLOGY. SAME AS GEOG., H. ED., PHYSL., PSYCH., SOC., AND V.M.S. 374. PREREQUISITE: ANTH., H. ED., GEOG., PHYSL., SOC., ZOOL., OR V.M.S. 369. 4 HOURS OR 1 UNIT *ONE DISC HOUR TO BE ARRANGED.	05296	LECT-DISC	*11	M W F	393 BEV HALL	STAFF
ANTH 377	REGIONAL TOPICS IN AFRICAN ANTHROPOLOGY. RESEARCH PAPER. MAY BE TAKEN A SECOND TIME ONLY WHEN A DIFFERENT REGION IS EMPHASIZED. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	05300	LECT-DISC	4	M W F	195 N L	SCHILDKROUT

ANTH 384	TRADITIONAL CHINESE SOCIAL ORGANIZATION.						
	PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.						
	3 HOURS OR 1 UNIT						
05318	LECT-DISC	1030-12	TU TH	201	N L		CRISSMAN
ANTH 385	ANTHROPOLOGY OF EDUCATION.						
	SAME AS HP. FD. 385.						
	PREREQUISITE: COURSE IN ANTHROPOLOGY OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.						
	2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
05326	LECT-DISC	10-12	W	201	N L		BURNETTE
COURSES FOR GRADUATES							
ANTH 410	ADVANCED FIELD METHODS IN LINGUISTICS.						
	SAME AS LING. 410.						
	PREREQUISITE: ANTH. 409 OR EQUIVALENT.						
	1 UNIT						
05342	LECT-DISC	B	11	M W F	312	D H	
ANTH 440	PROBLEMS IN PHYSICAL ANTHROPOLOGY.						
	PREREQUISITE: ANTH. 340 AND CONSENT OF INSTRUCTOR.						
	*MAY BE REPEATED FOR ADDITIONAL CREDIT.						
	*1 UNIT						
05351	CONF		ARR				GILES
ANTH 450	SEMINAR IN ANTHROPOLOGY.						
	*STUDENTS MAY ACCUMULATE TWO UNITS.						
	*1 UNIT						
	*SECTION A: TO BE ANNOUNCED.						
	*SECTION B: AMERICAN BLACK COMMUNITIES IN DEVELOPMENTAL PERSPECTIVE						
	*SECTION F: PROBLEMS IN MIDWESTERN PREHISTORY.						
	*SECTION J: PERUVIAN MESO-AMERICAN PACIFIC CONTACT.						
	*SECTION M: SOCIAL CHANGE IN LATIN AMERICAN COMMUNITIES.						
	*SECTION P: TO BE ANNOUNCED.						
	SECTION S: ANALYSIS OF THE CHRONICLE OF FRANCISCO AVILA.						
05377	CONF	*A	ARR				BRUKMAN
05385	CONF	*B	ARR				STEPHENS
05423	CONF	F	ARR				GIBBON
05393	CONF	*J	ARR				LATHRAP, GROVE
05407	CONF	*M	ARR				WHITTEN
05415	CONF	*P	ARR				MCGREGOR
05369	CONF	S	ARR				ZUIDEMA
ANTH 451	SOCIAL STRUCTURE.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 UNIT						
05431	LECT-DISC		3	M W F	109A	D H	CUNNINGHAM
ANTH 460	THEORIES AND METHODS IN ANTHROPOLOGY.						
	1 UNIT						
05440	CONF		730-930PM TU		209A	D H	PLATH
ANTH 463	SEMINAR ON FIELD METHODS AND RESEARCH DESIGNS IN CULTURAL ANTHROPOLOGY.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 UNIT						
05458	LAB-DISC		2-5	TU	109A	D H	BUTTERWORTH
ANTH 489	READINGS IN ANTHROPOLOGY.						
	PREREQUISITE: ONE SEMESTER OF GRADUATE WORK IN ANTHROPOLOGY; CONSENT OF ADVISER.						
	1/2 OR 1 UNIT						
05466	CONF		ARR				STAFF
ANTH 490	INDIVIDUAL TOPICS IN ANTHROPOLOGY.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 TO 4 UNITS						
05474	CONF		ARR				STAFF

ANTH 499 THESIS RESEARCH.

0 TO 4 UNITS

*SECTION A IS FOR MASTERS THESIS AND SECTION B IS FOR DOCTORS THESIS.

05482	CONF	*A	ARR
05491	CONF	*B	ARR

STAFF
STAFF

ARABIC

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

ARAB 202 ELEMENTARY ARABIC, II.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.

PREREQUISITE: ARAB. 201.

5 HOURS

OPEN TO FRESHMEN.

05504	LECT-DISC	11	MTUW F	212	D K H	ABDO
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARAB 308 INTRODUCTION TO ARABIC LITERATURE, II.

PREREQUISITE: ARAB. 304.

3 HOURS OR 1 UNIT

05512	LECT-DISC	1	M W F	212	D K H	STAFF
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ARCHITECTURE

DEPARTMENT OFFICE

106 ARCH

IN THE CURRICULUM IN ARCHITECTURE, NORMAL COURSE PROGRESS IN SEQUENCE IS IMPERATIVE. STUDENTS FAILING TO COMPLETE ANY REQUIRED COURSE MORE THAN ONE SEMESTER LATER THAN THE TIME DESIGNATED IN THE CURRICULUM, ARE PROHIBITED FROM PROGRESSIVE REGISTRATION IN ARCHITECTURAL COURSES UNTIL THE DEFICIENCY IS CORRECTED.

COURSES FOR UNDERGRADUATES

ARCH 171 BASIC DESIGN STUDIO, I.

PREREQUISITE: ARCH. 100 OR REGISTRATION IN ARCH. 100.

3 HOURS

05521	LAB	A	8-10	MTUWTHF	206	F A B	STAFF
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ARCH 172 BASIC DESIGN STUDIO, II.

PREREQUISITE: ARCH. 171.

3 HOURS

*SECTION R IS FOR URBAN PLANNING STUDENTS ONLY.

*SECTION S IS FOR LANDSCAPE ARCHITECTURE STUDENTS ONLY.

05539	LAB	B	10-12	MTUWTHF	206	F A B	STAFF
05547	LAB	C	1-3	MTUWTHF	206	F A B	STAFF
05555	LAB	D	3-5	MTUWTHF	206	F A B	STAFF
05563	LAB	*R	1-3	MTUWTHF	206	F A B	STAFF
05571	LAB	*S	1-3	MTUWTHF	206	F A B	STAFF

ARCH 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

05580	CONF	A	ARR				STAFF
05598	CONF	B	ARR				STAFF
05601	CONF	C	ARR				STAFF
05610	CONF	D	ARR				STAFF
05628	CONF	F	ARR				FOREIGN

COURSES FOR ADVANCED UNDERGRADUATES

ARCH 200 SENIOR HONORS IN ARCHITECTURE.

FOR CANDIDATES FOR HONORS IN ARCHITECTURE.

PREREQUISITE: SENIOR STANDING IN ARCHITECTURE, A UNIVERSITY GRADE-POINT AVERAGE OF 4.0 OR, IN SPECIAL CASES, APPROVAL BY THE HEAD OF THE DEPARTMENT.

*STUDENTS MAY ACCUMULATE 6 HOURS WITH APPROVAL OF HEAD OF DEPARTMENT.

*3 HOURS

05636	CONF	6CU	ARR				STAFF
05644	CONF	6F	ARR				FOREIGN

ARCH 212 INTRODUCTION TO RENAISSANCE AND MODERN ARCHITECTURE.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS

05652	LECT	A	11	M	W	F	120	ARCH	CREESE
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ARCH 233 ARCHITECTURAL DESIGN, IV.

PREREQUISITE: ARCH. 132; CREDIT OR REGISTRATION IN T. A. M. 150 OR 171.

3 HOURS

05661	LAB	A	8-11	M	W	F	310	ARCH	STAFF
05679	LAB	B	8-11	TU	TH	S	310	ARCH	STAFF

ARCH 234 ARCHITECTURAL DESIGN, V.

PREREQUISITE: ARCH. 233.

3 HOURS

05687	LAB	A	9-12	M	W	F	310	ARCH	STAFF
05695	LAB	B	9-12	TU	TH	S	310	ARCH	STAFF

ARCH 235 ARCHITECTURAL DESIGN, VI.

PREREQUISITE: ARCH. 234.

5 HOURS

05709	LAB	A	1-4	MTUWTHF			200	ARCH	STAFF
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ARCH 236 ARCHITECTURAL DESIGN, VII.

PREREQUISITE: ARCH. 235.

5 HOURS

05717	LAB	A	1-4	MTUWTHF			200	ARCH	STAFF
05725	LAB	F	ARR						FOREIGN

ARCH 241 BUILDING CONSTRUCTION, III.

PREREQUISITE: ARCH. 142.

2 HOURS

05733	LECT	A	4	TU	TH		302	ARCH	CLAYTON
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ARCH 242 BUILDING CONSTRUCTION, IV.

PREREQUISITE: ARCH. 241.

2 HOURS

05741	LECT	A	8	TU	TH		120	ARCH	LANFORD
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ARCH 245 STRUCTURAL ELEMENTS.

PREREQUISITE: L. A. S. 141 OR PHYCS. 101; T. A. M. 172 OR 221.

3 HOURS

05750	LECT-DISC	A	8	M	W		120	ARCH	CROUCH
	LAB	A	9-12	M	W		100	ARCH	CROUCH
05768	LECT-DISC	B	8	M	W		120	ARCH	CROUCH
	LAB	B	1-4	M	W		100	ARCH	CROUCH

ARCH 246 THEORY OF STRUCTURAL DESIGN.

PREREQUISITE: ARCH. 245.

3 HOURS

05776	LECT-DISC	A	8	M	W	F	302	ARCH	LEFFERS
	LAB	A	8-11	TU	TH		100	ARCH	LEFFERS

ARCH	247	STRUCTURAL PLANNING.										
		PREREQUISITE: ARCH. 257.										
		3 HOURS										
	05784	LECT	A	11	M	W	F	302	ARCH		SIMON	
	05792	LECT	F	ARR							FOREIGN	
ARCH	256	BUILDING SANITATION AND ARCHITECTURAL ACOUSTICS.										
		PREREQUISITE: JUNIOR STANDING IN ARCHITECTURE.										
		2 HOURS										
	05806	LECT	A	4	M	W		103	M H		MOYER	
ARCH	257	REINFORCED CONCRETE THEORY.										
		PREREQUISITE: ARCH. 246.										
		3 HOURS										
	05814	LECT	A	8	M	W	F	100	ARCH		BRIGHTBILL	
	05822	LECT	B	10	M	W	F	301	ARCH		BRIGHTBILL	
	05831	LECT	F	ARR							FOREIGN	
ARCH	283	ARCHITECTURAL PRACTICE.										
		PREREQUISITE: FIFTH YEAR STANDING IN ARCHITECTURE.										
		2 HOURS										
	05849	LECT	A	9	M	W		120	ARCH		CLAYTON	
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES												
ARCH	300	INDEPENDENT STUDIES IN URBAN DESIGN.										
		PREREQUISITE: ONE YEAR OF HISTORY OF ARCHITECTURE, OR HISTORY OF ART AND CONSENT OF INSTRUCTOR.										
		3 HOURS OR 3/4 UNIT										
	05857	CONF	F	ARR							FOREIGN	
ARCH	312	GOTHIC ARCHITECTURE.										
		PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.										
		3 HOURS OR 3/4 UNIT										
	05865	LECT	A	9	M	W	F	302	ARCH		LAING	
ARCH	315	ENGLISH AND AMERICAN ARCHITECTURE.										
		PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.										
		3 HOURS OR 3/4 UNIT										
	05873	LECT	A	10	M	W	F	192	L H		GARNER	
ARCH	316	ARCHITECTURE OF THE NINETEENTH AND TWENTIETH CENTURIES.										
		PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.										
		3 HOURS OR 3/4 UNIT										
	05881	LECT	A	4	M	W	F	120	ARCH		CREESE	
ARCH	317	THE DEVELOPMENT OF CONTEMPORARY ARCHITECTURAL THOUGHT.										
		PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, AND CONSENT OF INSTRUCTOR.										
		3 HOURS OR 3/4 UNIT										
	05890	LECT-DISC	A	4-530	TU	TH		226	COM W		LAING	
	05903	LECT-DISC	F	ARR							FOREIGN	
ARCH	337	ARCHITECTURAL DESIGN.										
		PREREQUISITE: ARCH. 236, SENIOR STANDING IN ARCHITECTURE.										
		7 HOURS OR 2 UNITS										
	05911	LAB	A	1-5	MTW	THF		210	ARCH		STAFF	
	05920	LAB	F	ARR							FOREIGN	
ARCH	338	ARCHITECTURAL DESIGN.										
		PREREQUISITE: ARCH. 337.										
		7 HOURS OR 2 UNITS										
	05938	LAB	A	1-5	MTW	THF		210	ARCH		STAFF	

ARCH	344	DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS.									
		PREREQUISITE: ARCH. 242 AND 257; REGISTRATION IN ARCH. 337 FOR GENERAL OPTION STUDENTS, OR CONSENT OF INSTRUCTOR.									
		2 HOURS									
		*SECTION A FOR GENERAL OPTION STUDENTS.									
		*SECTION B FOR ENGINEERING OPTION STUDENTS.									
	05946	LAB	*A	9-12	TU TH	ARR				STAFF	
	05954	LAB	*B	9-12	TU TH	100	ARCH			STAFF	
ARCH	347	THEORY OF STRUCTURES.									
		PREREQUISITE: ARCH. 257 AND MATH. 142.									
		5 HOURS OR 1 1/2 UNITS									
	05962	LECT-DISC	A	8	MTUWTHF	301	ARCH			HORNBEAK	
		LAB	A	9-11	M W F	100	ARCH			HORNBEAK	
ARCH	348	ADVANCED STRUCTURES.									
		PREREQUISITE: ARCH. 347, CREDIT OR REGISTRATION IN ARCH. 358.									
		5 HOURS OR 1 1/2 UNITS									
	05971	LECT-DISC	A	1-3	M W F	301	ARCH			COY	
		LAB	A	3-5	M W	100	ARCH			COY	
			A	3	F	100	ARCH			COY	
ARCH	358	ADVANCED REINFORCED CONCRETE.									
		PREREQUISITE: ARCH. 247, CREDIT OR REGISTRATION IN ARCH. 348.									
		3 HOURS OR 1 UNIT									
	05989	LECT-DISC	A	1-3	TU TH	301	ARCH			STAFF	
		LAB	A	3	TU TH	100	ARCH			STAFF	
ARCH	379	URBAN HOUSING.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		2 HOURS OR 1/2 UNIT									
	05997	LECT-DISC	A	1-3	M	302	ARCH			JONES	

COURSES FOR GRADUATES

ARCH	432	ARCHITECTURAL CRITICISM.									
		PREREQUISITE: ARCH. 431 OR CONSENT OF INSTRUCTOR.									
		1/2 UNIT									
	06003	LECT-DISC	A	4-6	W	403E	ARCH			FRANCESCATO	
ARCH	435	ADVANCED ARCHITECTURAL DESIGN.									
		PREREQUISITE: BACHELOR'S DEGREE IN ARCHITECTURE (GENERAL OPTION) OFFERED BY THE UNIVERSITY OF ILLINOIS OR CONSENT OF INSTRUCTOR.									
		1/2 TO 2 UNITS									
		*ADDITIONAL HOURS TO BE ARRANGED.									
	06011	LAB	A	*1	MTUWTHF	403A	ARCH			STAFF	
ARCH	452	ADVANCED THEORY AND DESIGN OF STEEL STRUCTURES.									
		PREREQUISITE: ARCH. 348 OR CONSENT OF INSTRUCTOR.									
		1 UNIT									
	06020	LECT-DISC	A	8-10	M W	20A	ARCH			SCHOUSBOE	
ARCH	454	ADVANCED STRUCTURAL DESIGN IN REINFORCED CONCRETE.									
		PREREQUISITE: ARCH. 358 OR CONSENT OF INSTRUCTOR.									
		1 UNIT									
	06038	LECT-DISC	A	10-12	M W	20A	ARCH			STAFF	
ARCH	481	ARCHITECTURAL PRACTICE AND THE CONSTRUCTION INDUSTRY.									
		PREREQUISITE: CONSENT OF INSTRUCTOR.									
		1/2 UNIT									
		MAY BE TAKEN CONCURRENTLY WITH ARCH 491.									
	06046	LECT-DISC	A	4-6	M	403E	ARCH			LEWIS	
ARCH	491	SPECIAL PROBLEMS IN ARCHITECTURAL ADMINISTRATION AND BUILDING CONSTRUCTION.									
		PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 481.									
		1/2 TO 2 UNITS									
	06054	CONF	A	ARR						LEWIS	

ARCH 493 SPECIAL PROBLEMS IN STRUCTURAL THEORY AND DESIGN.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 4 UNITS
 *SECTION F: FOUNDATIONS.
 *SECTION L: ARCHITECTURAL RESEARCH LABORATORY.
 *SECTION PD: PLASTIC DESIGN.
 *SECTION SP: STRUCTURAL PLANNING.

06062	LECT-DISC	*F	8-10	TU TH	20A	ARCH	SCHOUSBOE
06071	LAB	*L	1-3	M W F	20A	ARCH	TANG AND SIMON
06089	LECT-DISC	*PD	1-3	TU TH	100	ARCH	STAFF
06097	LECT-DISC	*SP	10-12	TU TH	20A	ARCH	TANG

ARCH 494 SPECIAL PROBLEMS IN ARCHITECTURAL DESIGN.
 PREREQUISITE: ARCH. 435 OR CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS
 SECTION B: BUILDING SYSTEMS.
 SECTION R: SPECIAL RESEARCH.
 SECTION S: DESIGN STUDIO.

06101	CONF	*B	ARR				STAFF
06119	CONF	*P	ARR		403E	ARCH	STAFF
06127	LAB	*S	ARR		403	ARCH	STAFF

ARCH 496 SPECIAL PROBLEMS IN ARCHITECTURAL HISTORY.
 PREREQUISITE: 12 HOURS OF ARCHITECTURAL HISTORY OR CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS

06135	CONF	A	ARR				CREESE, LAING
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ARMY ROTC--SEE MILITARY SCIENCE

ART

DEPARTMENT OFFICE 143 F A B
 COURSES IN ART APPRECIATION AND THE HISTORY OF ART

COURSES FOR UNDERGRADUATES

ART 112 INTRODUCTION TO RENAISSANCE AND MODERN ART.
 PREREQUISITE: ART 111 OR CONSENT OF INSTRUCTOR FOR ART STUDENTS.
 3 HOURS
 *SECTION 61 IS AN HONORS SECTION.

06143	LECT	A	1	M W F	L H	THEATER	GAMBILL
06291	DISC	*61	4	TH	207	F A B	
06151	DISC	2	8	TH	207	F A B	
06160	DISC	3	1	TH	326	D K H	
06178	DISC	4	1	TH	207	F A B	
06186	DISC	5	8	F	207	F A B	
06194	DISC	6	1	F	317A	D K H	
06208	DISC	7	8	F	207	F A B	
06216	DISC	8	1	F	207	F A B	
06224	DISC	9	1	W	207	F A B	
06232	DISC	10	9	W	207	F A B	
06241	DISC	11	12	TH	207	F A B	
06259	DISC	12	10	W	96	COM W	
06267	DISC	13	11	W	207	F A B	
06275	DISC	14	2	F	207	F A B	
06283	DISC	15	3	F	207	F A B	

ART 115 ART APPRECIATION.
 PRIMARILY FOR NON-ART STUDENTS.
 3 HOURS

06305	LECT	A	3	M W F	62	K M	MCCABE
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ART 116 MASTERPIECES OF ART.
 2 HOURS

06313	LECT	A	2	TU TH	114	D K H	MCCABE
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COURSES FOR ADVANCED UNDERGRADUATES

ART 209 JAPANESE ARTS WORKSHOP.
 PREREQUISITE: SOPHOMORE STANDING.
 2 HOURS
 06321 LAB A 9-12 TU TH 107 F A B SATO
 06330 LAB B 7-10PM TU TH 107 F A B SATO

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ART 302 ART OF THE ANCIENT NEAR EAST.
 PREREQUISITE: ART 306 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 06348 LECT A 11-1230 TU TH 302 ARCH PERKINS

ART 309 GOTHIC ART.
 PREREQUISITE: ONE YEAR OF ART HISTORY OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 06356 LECT A 8 M W F 62 K M RAE

ART 311 GERMAN AND AUSTRIAN PAINTING OF THE LATE NINETEENTH AND
 EARLY TWENTIETH CENTURIES.
 PREREQUISITE: ART 321 OR 322, OR ONE 300-LEVEL COURSE IN
 NINETEENTH-CENTURY PAINTING.
 3 HOURS OR 3/4 UNIT.
 06364 LECT A 11 M W F 62 K M

ART 314 NORTHERN RENAISSANCE ART.
 PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 06372 LECT A 1 M W F 62 K M

ART 317 ITALIAN ART OF THE SIXTEENTH CENTURY.
 PREREQUISITE: ONE YEAR OF HISTORY OF ART, OR CONSENT OF
 INSTRUCTOR.
 3 HOURS OR 3/4 UNIT.
 06381 LECT A 2 M W F 120 ARCH

ART 318 LATIN-AMERICAN ART.
 PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 06399 LECT A 3 M W F 120 ARCH

ART 319 ITALIAN ART OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.
 PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 06402 LECT A 12 M W F 62 K M

ART 325 RECENT AMERICAN PAINTING AND SCULPTURE.
 PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
 2 HOURS, OR 1/2 OR 3/4 UNIT
 06411 LECT A 8 TU TH 62 K M WELLER

ART 327 JAPANESE ART.
 PREREQUISITE: ONE YEAR OF HISTORY OF ART OR JUNIOR STANDING.
 3 HOURS OR 3/4 UNIT
 06429 LECT A 5 W 302 ARCH
 06437 LECT B 1 TU TH 302 ARCH

STUDIO COURSES PRIMARILY FOR NON-ART STUDENTS

COURSES FOR UNDERGRADUATES

ART	105	INTRODUCTION TO WATER COLOR PAINTING. NOT OPEN TO STUDENTS MAJORING IN ART. *STUDENTS MAY ACCUMULATE FOUR HOURS CREDIT. *2 HOURS									
	06445	LAB	A	9-12	M	F	106	F A B			
ART	107	ELEMENTARY DRAWING. FOR STUDENTS NOT MAJORING IN ART. *STUDENTS MAY ACCUMULATE FOUR HOURS. *2 HOURS									
	06453	LAB	A	2-5	TU TH		384	ARMORY			
ART	123	FUNDAMENTALS OF DRAFTING AND DRAWING. PRIMARILY FOR STUDENTS IN OCCUPATIONAL THERAPY AND HOME ECONOMICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS									
	06461	LAB	A	2-5	M	W	F	237	F A B	JOHNSON	
ART	185	DESIGN, I. FOR NON-ART MAJORS. 2 HOURS									
	06470	LAB	A	10-12	M	W	F	155	ARMORY	RAUSHENBERGER & STAFF	
	06488	LAB	B	9-12	TU TH		155	ARMORY			
	06496	LAB	C	3-5	M	W	F	155	ARMORY		
	06500	LAB	D	7-10PM	TU TH		155	ARMORY			
	06518	LAB	E	8-10	M	W	F	155	ARMORY		
ART	186	DESIGN, II. FOR NON-ART MAJORS. PREREQUISITE: ART 185. 2 HOURS									
	06526	LAB	A	2-5	TU TH		155	ARMORY		RAUSHENBERGER & STAFF	
	06534	LAB	B	1-3	M	W	F	155	ARMORY		

PROFESSIONAL AND STUDIO COURSES

COURSES FOR UNDERGRADUATES

APT	114	ORIENTATION TO ART, II. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. PREREQUISITE: CONCURRENT REGISTRATION IN ONE OF ART 117, 118, 119, OR 120, OR CONSENT OF INSTRUCTOR. 1 HOUR									
	06542	LECT	A	4	TU		112	G H		KOTOSKE	
ART	117	DRAWING, I. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. 2 HOURS									
	06551	LAB	A	9-12	M	F	370	ARMORY			
	06569	LAB	B	2-5	M	F	370	ARMORY			
ART	118	DRAWING, II. OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1. PREREQUISITE: ART 117. 2 HOURS									
	06577	LAB	A	9-12	M	F	372	ARMORY			
	06585	LAB	B	9-12	TU TH		372	ARMORY			
	06593	LAB	C	9-12	M	F	384	ARMORY			
	06607	LAB	D	9-12	TU TH		364	ARMORY			
	06615	LAB	E	2-5	M	F	372	ARMORY			
	06623	LAB	F	1-4	TU TH		372	ARMORY			
	06631	LAB	G	2-5	M	F	384	ARMORY			
	06640	LAB	H	1-4	TU TH		370	ARMORY			

ART 119	DESIGN, I.									
	OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.									
	2 HOURS									
	06658	LAB	A	9-12	TU TH	247	ARMORY			
	06666	LAB	B	1-4	TU TH	247	ARMORY			
ART 120	DESIGN, II.									
	OPEN ONLY TO STUDENTS IN COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.									
	PREREQUISITE: ART 119.									
	2 HOURS									
	06674	LAB	A	9-12	M F	386	ARMORY			
	06682	LAB	B	9-12	TU TH	386	ARMORY			
	06691	LAB	C	2-5	M F	386	ARMORY			
	06704	LAB	D	1-4	TU TH	386	ARMORY			
	06712	LAB	E	2-5	M F	247	ARMORY			
	06721	LAB	F	9-12	M F	247	ARMORY			
	06739	LAB	G	9-12	TU TH	106	F A B			
	06747	LAB	H	9-12	W	247	ARMORY			
		H	2-5	W	247	ARMORY				
ART 121	DRAWING THEORY.									
	2 HOURS									
	06755	LAB	A	2-5	M F	235	F A B		WALLACE & STAFF	
	06763	LAB	B	9-12	TU TH	237	F A B			
ART 122	DRAWING THEORY.									
	PREREQUISITE: ART 121.									
	2 HOURS									
	06771	LAB	A	9-12	M F	235	F A B		WALLACE & STAFF	
	06780	LAB	B	9-12	TU TH	235	F A B			
	06798	LAB	C	9-12	W	235	F A B			
			C	2-5	W	235	F A B			
	06801	LAB	D	1-4	TU TH	235	F A B			
ART 125	LIFE DRAWING, I.									
	PREREQUISITE: ART 113, 114 AND 118.									
	2 HOURS									
	06810	LAB	A	9-12	M F	219	F A B		HILSON & STAFF	
	06828	LAB	B	9-12	TU TH	219	F A B			
	06836	LAB	C	2-5	M F	219	F A B			
	06844	LAB	D	2-5	TU TH	219	F A B			
	06852	LAB	E	2-5	TU TH	236	F A B			
	06861	LAB	F	9-12	W	219	F A B			
			F	2-5	W	219	F A B			
	06879	LAB	G	7-10PM	TU TH	219	F A B			
ART 126	LIFE DRAWING, II.									
	PREREQUISITE: ART 125.									
	2 HOURS									
	06887	LAB	A	9-12	M F	219	F A B		HILSON & STAFF	
	06895	LAB	B	9-12	TU TH	219	F A B			
	06909	LAB	C	2-5	M F	219	F A B			
	06917	LAB	D	2-5	TU TH	219	F A B			
	06925	LAB	E	2-5	TU TH	240	F A B			
	06933	LAB	F	9-12	W	219	F A B			
			F	2-5	W	219	F A B			
	06941	LAB	G	7-10PM	TU TH	219	F A B			
ART 129	ANATOMY, I.									
	PREREQUISITE: ART 118.									
	2 HOURS									
	06950	LAB	A	9-12	M F	236	F A B		BUSHMAN	
ART 130	ANATOMY, II.									
	PREREQUISITE: ART 129.									
	2 HOURS									
	06968	LAB	A	9-12	M F	240	F A B		BUSHMAN	
ART 131	ELEMENTARY COMPOSITION.									
	PREREQUISITE: ART 113, 114, 118, 120, AND 122.									
	2 HOURS									
	06976	LAB	A	9-12	M F	9	F A B		KOTOSKE & STAFF	
	06984	LAB	B	2-5	M F	9	F A B			

ART	132	ELEMENTARY COMPOSITION. PREREQUISITE: ART 131. 2 HOURS									
	06942	LAB	A	9-12	TU TH	209	F A B			KOTOSKE	
	07009	LAB	B	9-12	M F	209	F A B			& STAFF	
	07017	LAB	C	2-5	M F	209	F A B				
	07025	LAB	D	2-5	TU TH	9	F A B				
	07033	LAB	E	9-12	TU TH	9	F A B				
ART	133	DESIGN WORKSHOP. PRIMARYLY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM. PREREQUISITE: ART 118, 120, AND 122, OR CONSENT OF INSTRUCTOR. 3 HOURS *3 HOURS TO BE ARRANGED.									
	07041	LAB	A	*9-12	M F	32	F A B			ZAGORSKI	
	07050	LAB	B	*9-12	TU TH	32	F A B			ZAGORSKI	
ART	134	DESIGN WORKSHOP. PRIMARYLY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM. PREREQUISITE: ART 133. 3 HOURS *3 HOURS TO BE ARRANGED.									
	07068	LAB	A	*9-12	M F	32	F A B			ZAGORSKI	
	07076	LAB	B	*9-12	TU TH	32	F A B			ZAGORSKI	
ART	141	STILL LIFE, I. PREREQUISITE: FRESHMAN STANDING IN ART. 2 HOURS									
	07084	LAB	A	9-12	M F	336	F A B			BRADSHAW	
	07092	LAB	B	9-12	TU TH	336	F A B			& STAFF	
	07106	LAB	C	2-5	M F	336	F A B				
	07114	LAB	D	2-5	TU TH	336	F A B				
	07122	LAB	E	7-10PM	TU TH	336	F A B				
ART	142	STILL LIFE, II. PREREQUISITE: ART 141. 2 HOURS									
	07131	LAB	A	9-12	M F	338	F A B			BRADSHAW	
	07149	LAB	B	9-12	TU TH	338	F A B			& STAFF	
	07157	LAB	C	2-5	M F	338	F A B				
	07165	LAB	D	2-5	TU TH	338	F A B				
	07173	LAB	E	7-10PM	TU TH	338	F A B				
ART	151	SCULPTURE, I. PREREQUISITE: ART 118, 120, 122 OR ARCH. 234. 2 HOURS *SECTION D OPEN ONLY TO STUDENTS IN SCULPTURE CURRICULUM.									
	07181	LAB	A	9-12	M F	25	F A B			FAGAN	
	07190	LAB	B	9-12	TU TH	25	F A B			& STAFF	
	07203	LAB	C	9-12	W	25	F A B				
			C	2-5		25	F A B				
	07220	LAB	*D	7-10PM	M F	25	F A B				
	07211	LAB	E	7-10PM	TU TH	25	F A B				
ART	152	SCULPTURE, II. PREREQUISITE: ART 151. 2 HOURS									
	07238	LAB	A	2-5	M F	25	F A B			FAGAN	
	07246	LAB	B	2-5	TU TH	25	F A B			& STAFF	
	07254	LAB	C	7-10PM	TU TH	25	F A B				
ART	161	CALLIGRAPHIC DESIGN. PREREQUISITE: SOPHOMORE STANDING IN ART. 2 HOURS									
	07262	LAB	A	9-12	TU TH	327	F A B			MOORE	
	07271	LAB	B	2-5	M F	245	F A B			& STAFF	
ART	162	LETTERFORM DESIGN. PREREQUISITE: SOPHOMORE STANDING IN ART. 2 HOURS									
	07289	LAB	A	9-12	M F	245	F A B			MOORE	
	07297	LAB	B	7-10PM	TU TH	319	F A B			& STAFF	
	07301	LAB	C	2-5	TU TH	319	F A B				

ART 184 FREEHAND DRAWING, IV.
PREREQUISITE: ART 183. PRIMARILY FOR STUDENTS IN ARCHITECTURE.
2 HOURS
07319 LAB A 1-3 M W F 201 SURV BLDG
07327 LAB B 3-5 M W F 202 SURV BLDG

ART 190 RECREATIONAL CRAFTS, I.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
*2 HOURS
07335 LAB A 10-12 M W F 107 F A B

ART 191 RECREATIONAL CRAFTS, II.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: ART 190.
2 HOURS
07343 LAB A 10-12 M W F 107 F A B

ART 192 METALWORK AND JEWELRY, I.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS
07351 LAB A 9-12 M F 24 D K H
07360 LAB B 2-5 M F 24 D K H
07378 LAB C 2-5 TU TH 212 D K H
07386 LAB D 7-10PM TU TH 24 D K H

ART 193 METALWORK AND JEWELRY, II.
PREREQUISITE: ART 192.
2 HOURS
07394 LAB A 9-12 TU TH 24 D K H

ART 194 POTTERY, I.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS
*SECTIONS B AND E OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM
07408 LAB A 9-12 TU TH 152 N E L
07432 LAB *B 2-5 M F 152 N E L
07416 LAB C 2-5 TU TH 152 N E L
07424 LAB D 7-10PM TU TH 152 N E L
07441 LAB *E 9-12 W 152 N E L
*E 7-10PM W 152 N E L

ART 195 POTTERY, II.
PREREQUISITE: ART 194.
2 HOURS
*SECTION B AND E OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM.
07459 LAB A 9-12 TU TH 152 N E L
07483 LAB *B 2-5 M F 152 N E L
07467 LAB C 2-5 TU TH 152 N E L
07475 LAB D 7-10PM TU TH 152 N E L
07491 LAB *E 9-12 W 152 N E L
*E 7-10PM W 152 N E L

ART 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
07505 CONF A ARR

COURSES FOR ADVANCED UNDERGRADUATES

ART 200 SENIOR HONORS IN ART.
PREREQUISITE: SENIOR STANDING IN ART, UNIVERSITY GRADE POINT AVERAGE OF 4.00, AND APPROVAL OF CURRICULUM ADVISOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 5 HOURS
*2 TO 5 HOURS
07513 LAB-DISC EA ARR 139B F A B WICKS

ART 201 WATER COLOR, I.
PREREQUISITE: ART 118 AND 120.
2 HOURS
07521 LAB A 2-5 TU TH 209 F A B

ART 202 WATER COLOR, II.
PREREQUISITE: ART 201.
2 HOURS
07530 LAB A 2-5 TU TH 209 F A B

ART 203 ART EDUCATION LABORATORY.
FOR NON-ART STUDENTS ONLY.
PREREQUISITE: JUNIOR STANDING.
CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
2 HOURS
07548 LAB A 8-10 M W F 107 F A B
07556 LAB B 1-3 M W F 106 F A B
07564 LAB C 3-5 M W F 106 F A B
07572 LAB D 9-12 TU TH 107 F A B
07581 LAB E 3-5 M W F 107 F A B

ART 204 ART EDUCATION LABORATORY.
PREREQUISITE: ART 132 OR JUNIOR STANDING.
2 HOURS
07599 LAB A 2-5 TU TH 106 F A B

ART 206 CREATIVE ART FOR CHILDREN.
PREREQUISITE: JUNIOR STANDING IN ART EDUCATION OR CONSENT OF INSTRUCTOR.
3 HOURS
*1 HOUR TO BE ARRANGED.
07602 LECT D 4 W 133 F A B
07611 LAB A 8-10 S 106 F A B
LAB A 8-10 S 107 F A B
07629 LAB B 10-12 S 106 F A B
LAB B 10-12 S 107 F A B

ART 208 ORGANIZATION OF PUBLIC SCHOOL ART PROGRAMS.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
3 HOURS
07637 LECT A 8 M W F 133 F A B

ART 215 BASIC PHOTOGRAPHY, I.
SUPPLIES COST APPROXIMATELY \$40. STUDENTS MUST FURNISH A 2 1/4 X 2 1/4 CAMERA.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
3 HOURS
*THREE HOURS TO BE ARRANGED
07645 LAB A *8-10 M W F 335 F A B PARKER
07653 LAB B *9-12 TU TH 335 F A B NAMETH
07661 LAB C *7-10PM TU TH 335 F A B SINSABAUGH
07670 LAB D *3-5 M W F 335 F A B PARKER

ART 216 BASIC PHOTOGRAPHY, II.
SUPPLIES COST APPROXIMATELY \$40.
PREREQUISITE: ART 215.
*STUDENTS MAY ACCUMULATE 6 HOURS WITH CONSENT OF INSTRUCTOR.
*3 HOURS
IT IS RECOMMENDED THAT ART 216 BE TAKEN NO LATER THAN ONE SEMESTER AFTER COMPLETION OF ART 215.
*SECTION C OPEN ONLY TO STUDENTS REPEATING ART 216
THREE HOURS TO BE ARRANGED.
07696 LAB A 10-12 M W F 335 F A B PARKER
07700 LAB B 2-5 TU TH 335 F A B SINSABAUGH
07688 LAB *C ARR 132 F A B PARKER

ART 225 INTERMEDIATE DRAWING, I.
PREREQUISITE: JUNIOR STANDING IN ART.
2 HOURS
07718 LAB A 9-12 TU TH 236 F A B
07726 LAB B 2-5 M F 236 F A B
07734 LAB C 7-10PM TU TH 236 F A B

ART 226 INTERMEDIATE DRAWING, II.
PREREQUISITE: ART 225.
2 HOURS
07742 LAB A 9-12 TU TH 240 F A B
07751 LAB B 2-5 M F 240 F A B
07769 LAB C 7-10PM TU TH 240 F A B

ART	231	INTERMEDIATE COMPOSITION, I.									
		PREREQUISITE: ART 132.									
		3 HOURS									
	07777	LAB	A	9-12	M	W	F	324	F	A	B
	07785	LAB	B	2-5	M	W	F	324	F	A	B
ART	232	INTERMEDIATE COMPOSITION, II.									
		PREREQUISITE: ART 231.									
		3 HOURS									
	07793	LAB	A	9-12	M	W	F	324	F	A	B
	07807	LAB	B	2-5	M	W	F	324	F	A	B
ART	233	ADVANCED COMPOSITION, I.									
		PREREQUISITE: ART 232.									
		3 HOURS									
	07815	LAB	A	9-12	TU	TH		308	F	A	B
			A	2-5		W		308	F	A	B
	07823	LAB	B	9-12	TU	TH		318	F	A	B
			B	2-5		W		318	F	A	B
ART	234	ADVANCED COMPOSITION, II.									
		PREREQUISITE: ART 233.									
		3 HOURS									
	07831	LAB	A	9-12	TU	TH		308	F	A	B
			A	2-5		W		308	F	A	B
	07840	LAB	B	9-12	TU	TH		318	F	A	B
			B	2-5		W		318	F	A	B
ART	243	FIGURE PAINTING, I.									
		PREREQUISITE: JUNIOR STANDING IN ART.									
		2 HOURS									
	07858	LAB	A	9-12	TU	TH		324	F	A	B
	07866	LAB	B	2-5	TU	TH		324	F	A	B
	07874	LAB	C	7-10PM	TU	TH		324	F	A	B
ART	244	FIGURE PAINTING, II.									
		PREREQUISITE: ART 243.									
		2 HOURS									
	07882	LAB	A	9-12	TU	TH		324	F	A	B
	07891	LAB	B	2-5	TU	TH		324	F	A	B
	07904	LAB	C	7-10PM	TU	TH		324	F	A	B
ART	245	ADVANCED PAINTING AND DRAWING, I.									
		PREREQUISITE: ART 226 AND 244.									
		3 HOURS									
	07912	LAB	A	9-12	M	W	F	308	F	A	B
	07921	LAB	B	9-12	M	W	F	318	F	A	B
ART	246	ADVANCED PAINTING AND DRAWING, II.									
		PREREQUISITE: ART 245.									
		3 HOURS									
	07939	LAB	A	9-12	M	W	F	308	F	A	B
	07947	LAB	B	9-12	M	W	F	318	F	A	B
ART	248	SPECIAL PROBLEMS.									
		PREREQUISITE: JUNIOR STANDING IN ART AND CONSENT OF INSTRUCTOR.									
		*MAY BE REPEATED FOR A TOTAL OF EIGHT SEMESTER HOURS.									
		*2 HOURS									
	07955	LAB-DISC	A	ARR				139B	F	A	B
	07963	LAB-DISC	B	ARR				139B	F	A	B
	07971	LAB-DISC	C	ARR				139B	F	A	B
										WICKS	
										WICKS	
										WICKS	
ART	251	ADVANCED SCULPTURE, I.									
		PREREQUISITE: ART 152.									
		2 HOURS									
	07980	LAB	A	2-5	M		F	25	F	A	B
	07998	LAB	B	2-5		TU	TH	25	F	A	B
	08004	LAB	C	7-10PM	TU	TH		25	F	A	B
ART	252	ADVANCED SCULPTURE, II.									
		PREREQUISITE: ART 251.									
		2 HOURS									
	08012	LAB	A	2-5	M		F	25	F	A	B
	08021	LAB	B	2-5		TU	TH	25	F	A	B
	08039	LAB	C	7-10PM	TU	TH		25	F	A	B

ART 253 INTERMEDIATE SCULPTURE, I.
 PREREQUISITE: ART 152.
 2 HOURS
 08047 LAB A 2-5 M F 25 F A B
 08055 LAB B 2-5 TU TH 25 F A B
 08063 LAB C 7-10PM TU TH 25 F A B

ART 254 INTERMEDIATE SCULPTURE, II.
 PREREQUISITE: ART 253.
 2 HOURS
 08071 LAB A 2-5 M F 25 F A B
 08080 LAB B 2-5 TU TH 25 F A B
 08098 LAB C 7-10PM TU TH 25 F A B

ART 255 SCULPTURE MATERIALS AND TECHNIQUES, I.
 PREREQUISITE: ART 152 AND JUNIOR STANDING IN SCULPTURE.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.
 08101 LAB A *2-5 M F 25 F A B
 08110 LAB B *2-5 TU TH 25 F A B
 08128 LAB C *7-10PM TU TH 25 F A B

ART 256 SCULPTURE MATERIALS AND TECHNIQUES, II.
 PREREQUISITE: ART 255.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.
 08136 LAB A *2-5 M F 25 F A B
 08144 LAB B *2-5 TU TH 25 F A B
 08152 LAB C *7-10PM TU TH 25 F A B

ART 257 ADVANCED SCULPTURE, I.
 PREREQUISITE: ART 254.
 2 HOURS
 08161 LAB A 2-5 M F 25 F A B
 08179 LAB B 2-5 TU TH 25 F A B
 08187 LAB C 7-10PM TU TH 25 F A B

ART 258 ADVANCED SCULPTURE, II.
 PREREQUISITE: ART 257.
 2 HOURS
 08195 LAB A 2-5 M F 25 F A B
 08209 LAB B 2-5 TU TH 25 F A B
 08217 LAB C 7-10PM TU TH 25 F A B

ART 259 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, I.
 PREREQUISITE: ART 256.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.
 08225 LAB A *2-5 M F 25 F A B
 08233 LAB B *2-5 TU TH 25 F A B
 08241 LAB C *7-10PM TU TH 25 F A B

ART 260 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, II.
 PREREQUISITE: ART 259.
 3 HOURS
 *THREE HOURS TO BE ARRANGED.
 08250 LAB A *2-5 M F 25 F A B
 08268 LAB B *2-5 TU TH 25 F A B
 08276 LAB C *7-10PM TU TH 25 F A B

ART 263 REPRODUCTION GRAPHICS.
 PREREQUISITE: JUNIOR STANDING IN GRAPHIC DESIGN.
 FIELD TRIPS REQUIRED.
 2 HOURS
 08284 LAB A 9-12 TU TH 319 F A B PERLMAN

ART 264 TELEVISION GRAPHICS.
 PREREQUISITE: SENIOR STANDING IN GRAPHIC DESIGN.
 2 HOURS
 08292 LAB A 9-12 TU TH 245 F A B KORBUS
 08306 LAB B 2-5 TU TH 245 F A B KORBUS

ART	265	GRAPHIC DESIGN, I.									
		PREREQUISITE: ART 161 AND 162 FOR GRAPHIC DESIGN MAJORS; JUNIOR									
		STANDING IN ART OR CONSENT OF INSTRUCTOR FOR OTHERS.									
		3 HOURS									
		*THREE HOURS TO BE ARRANGED.									
	08314	LAB	A	*2-5	M W	229	F A B				
ART	266	GRAPHIC DESIGN, II.									
		PREREQUISITE: ART 265.									
		3 HOURS									
		*THREE HOURS TO BE ARRANGED.									
	08322	LAB	A	*9-12	M W	319	F A B				
	08331	LAB	B	*2-5	M W	327	F A B				
ART	267	GRAPHIC DESIGN, III.									
		PREREQUISITE: ART 266.									
		3 HOURS									
	08349	LAB	A	9-12	M W F	327	F A B				
	08357	LAB	B	2-5	M W F	319	F A B				
ART	268	GRAPHIC DESIGN, IV.									
		PREREQUISITE: ART 267.									
		3 HOURS									
	08365	LAB	A	9-12	M W F	327	F A B				
	08373	LAB	B	2-5	M W F	319	F A B				
ART	271	MATERIALS AND PROCESSES, I.									
		PREREQUISITE: ART 134.									
		3 HOURS									
	08381	LAB	A	2-5	M W F	20	F A B		PRICE		
			A	2-5	M W F	32	F A B				
	08390	LAB	B	9-12	M W F	20	F A B		PRICE		
			B	9-12	M W F	32	F A B				
ART	272	MATERIALS AND PROCESSES, II.									
		PREREQUISITE: ART 271.									
		3 HOURS									
	08403	LAB	A	2-5	M W F	20	F A B		PRICE		
			A	2-5	M W F	32	F A B				
	08411	LAB	B	9-12	M W F	20	F A B		PRICE		
			B	9-12	M W F	32	F A B				
ART	275	INDUSTRIAL DESIGN, I.									
		PREREQUISITE: ART 134.									
		FIELD TRIP REQUIRED.									
		3 HOURS									
	08420	LAB	A	9-12	M W F	40	F A B				
	08438	LAB	B	2-5	M W F	40	F A B				
ART	276	INDUSTRIAL DESIGN, II.									
		PREREQUISITE: ART 275.									
		FIELD TRIP REQUIRED.									
		3 HOURS									
	08446	LAB	A	9-12	M W F	40	F A B				
	08454	LAB	B	2-5	M W F	40	F A B				
ART	277	ADVANCED INDUSTRIAL DESIGN, I.									
		PREREQUISITE: ART 276.									
		5 HOURS									
	08462	LAB	A	9-12	TU TH S	12	F A B		MCFARLAND		
			A	2-5	TU TH	12	F A B				
ART	278	ADVANCED INDUSTRIAL DESIGN, II.									
		PREREQUISITE: ART 277.									
		5 HOURS									
	08471	LAB	A	9-12	TU TH S	12	F A B		SAUNDERS		
			A	2-5	TU TH	12	F A B				

ART	281	FREEHAND DRAWING, V.							
		PREREQUISITE: ART 184.							
		2 HOURS							
	08489	LAB	A	1-4	TU TH	201	SURV BLDG	BRITSKY	
	08497	LAB	B	9-12	TU TH	201	SURV BLDG	& STAFF	
	08501	LAB	C	1-4	TU TH	202	SURV BLDG		
	08519	LAB	D	9-12	TU TH	104	SURV BLDG		
	08527	LAB	E	1-4	TU TH	104	SURV BLDG		
	08535	LAB	F	9-12	TU TH	202	SURV BLDG		
ART	282	FREEHAND DRAWING, VI.							
		PREREQUISITE: ART 281.							
		2 HOURS							
	08543	LAB	A	1-4	TU TH	201	SURV BLDG	BRITSKY	
	08551	LAB	B	9-12	TU TH	201	SURV BLDG	& STAFF	
	08560	LAB	C	1-4	TU TH	229	F A B		
	08578	LAB	D	9-12	TU TH	104	SURV BLDG		
	08586	LAB	E	1-4	TU TH	202	SURV BLDG		
	08594	LAB	F	9-12	TU TH	229	F A B		
ART	283	PRINTMAKING, I.							
		PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.							
		2 HOURS							
	08608	LAB	A	2-5	M F	GRAD STUDIO		ROWAN	
	08616	LAB	B	2-5	TU TH	GRAD STUDIO		& STAFF	
ART	284	PRINTMAKING, II.							
		PREREQUISITE: ART 283.							
		2 HOURS							
	08624	LAB	A	2-5	M F	GRAD STUDIO		ROWAN	
	08632	LAB	B	2-5	TU TH	GRAD STUDIO		& STAFF	
ART	285	LITHOGRAPHY, I.							
		PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.							
		2 HOURS							
	08641	LAB	A	9-12	TU TH	103	SURV BLDG	DOWELL	
ART	286	LITHOGRAPHY, II.							
		PREREQUISITE: ART 285.							
		2 HOURS							
	08659	LAB	A	2-5	TU TH	103	SURV BLDG	DOWELL	
ART	290	CERAMIC RAW MATERIALS.							
		PREREQUISITE: L. A. S. 141, 142, JUNIOR STANDING IN CURRICULUM IN CRAFTS-CERAMIC EMPHASIS.							
		2 HOURS							
	08667	LAB	A	9-12	M F	152	N E L		
ART	291	GLAZE CALCULATION.							
		PREREQUISITE: L. A. S. 141, 142, ART 290, JUNIOR STANDING IN CURRICULUM IN CRAFTS-CERAMIC EMPHASIS.							
		2 HOURS							
	08675	LAB	A	9-12	M F	152	N E L		
ART	292	INTRODUCTION TO METAL DESIGN IN JEWELRY.							
		PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.							
		3 HOURS							
	08683	LAB	A	9-12	M W F	24	D K H		
	08691	LAB	B	2-5	M W F	24	D K H		
ART	293	DEVELOPMENT OF METAL DESIGN IN JEWELRY.							
		PREREQUISITE: ART 292.							
		3 HOURS							
	08705	LAB	A	ARR		24	D K H		
ART	294	CERAMIC DESIGN, I.							
		PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.							
		3 HOURS							
	08713	LAB	A	ARR		152	N E L		
ART	295	CERAMIC DESIGN, II.							
		PREREQUISITE: ART 294.							
		3 HOURS							
	08721	LAB	A	ARR		152	N E L		

ART 296 DECORATIVE METAL TECHNIQUES.
PREREQUISITE: ART 293.
5 HOURS
08730 LAB A 9-12 MTUWTHF 24 D K H

ART 297 CONSTRUCTION OF HOLLOW AND FLATWARE IN SILVERSMITHING.
PREREQUISITE: ART 296.
5 HOURS
08748 LAB A 9-12 MTUWTHF 24 D K H

ART 298 CERAMIC DESIGN, III.
PREREQUISITE: ART 295.
5 HOURS
08756 LAB A 9-12 MTUWTHF 152 N E L

ART 299 CERAMIC DESIGN, IV.
PREREQUISITE: ART 298.
5 HOURS
08764 LAB A 9-12 MTUWTHF 152 N E L

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ART 380 DRAWING.
PREREQUISITE: CONSENT OF INSTRUCTOR. FOR GRADUATE STUDENTS,
CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE.
2 HOURS, OR 1/2 TO 1 UNIT
08772 LAB A ARR
08781 LAB B ARR

ART 381 PAINTING.
PREREQUISITE: ART 142 OR EQUIVALENT, FOR GRADUATE STUDENTS,
CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES
FOR M. F. A. IN PAINTING.
*COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS.
*2 TO 4 HOURS, OR 1/2 TO 1 UNIT
08799 LAB A ARR 136 F A B

ART 382 PAINTING MATERIALS AND TECHNIQUES.
PREREQUISITE: ART 142 OR GRADUATE STANDING IN ART.
2 HOURS OR 1/2 UNIT
08802 LAB A 7-10PM TU TH 229 F A B

ART 383 PRINT MEDIA.
PREREQUISITE: ART 284 OR EQUIVALENT. FOR GRADUATE STUDENTS,
CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES
FOR M. F. A. IN PAINTING.
2 HOURS, OR 1/2 TO 1 UNIT
08811 LAB A ARR GRAD STUDIO ROWAN
08829 LAB B ARR GRAD STUDIO ROWAN

ART 385 LITHOGRAPHY.
PREREQUISITE: ART 286 OR, FOR GRADUATE STUDENTS, CONSENT OF
DEPARTMENTAL GRADUATE COMMITTEE.
2 HOURS, OR 1/2 TO 1 UNIT
08837 LAB A ARR 103 SURV BLOG DOWELL

ART 387 PHOTOGRAPHY.
PREREQUISITE: ART 216 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OR 2 UNITS.
*3 HOURS OR 1/2 TO 1 UNIT
08845 LAB A ARR 132 F A B SINSABAUGH

ART 388 CINEMATOGRAPHY.
PREREQUISITE: ART 215 AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS.
*3 HOURS, OR 1/2 TO 1 UNIT
08853 LAB A 2-5 TU TH 207 F A B NAMETH
08861 LAB B 7-10PM TU TH 207 F A B NAMETH

ART 391 ADVANCED SCULPTURE TECHNIQUES.
PREREQUISITE: ART 252 OR EQUIVALENT.
2 HOURS, OR 1/2 TO 1 UNIT
08870 LAB A ARR 25 F A B GALLO

ART 392 SILVERSMITHING, I.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 HOURS, OR 1/2 TO 1 UNIT
 08888 LAB A 9-12 M F 24 D K H V. NEUMANN
 08896 LAB B 2-5 M F 24 D K H V. NEUMANN

ART 393 SILVERSMITHING, II.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 HOURS, OR 1/2 TO 1 UNIT
 08900 LAB A ARR 24 D K H V. NEUMANN

ART 394 CERAMIC DESIGN.
 PREREQUISITE: ART 295 OR CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS, OR 1/2 TO 2 UNITS
 08918 LAB A ARR 152 N E L FRITH

COURSES FOR GRADUATES

ART 452 SEMINAR IN CHINESE ART.
 PREREQUISITE: ART 328, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 08926 CONF A ARR 407 ARCH MUNAKATA

ART 454 SEMINAR IN ANCIENT ART.
 PREREQUISITE: AT LEAST ONE OF THE FOLLOWING: ART 304, 305, 306,
 307, OR EQUIVALENT.
 1 UNIT
 08934 CONF A ARR 401 ARCH PERKINS

ART 467 GRAPHIC DESIGN LABORATORY.
 PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN GRAPHIC DESIGN,
 OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
 1 TO 3 UNITS
 08942 LAB A ARR 506 S. MATHEWS
 08951 LAB B ARR 506 S. MATHEWS
 08964 LAB C ARR 506 S. MATHEWS

ART 477 INDUSTRIAL DESIGN LABORATORY.
 PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN INDUSTRIAL
 DESIGN OR THE CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
 1 TO 3 UNITS
 08977 LAB A ARR 506 S. MATHEWS
 08985 LAB B ARR 506 S. MATHEWS
 08993 LAB C ARR 506 S. MATHEWS

ART 491 SPECIAL PROBLEMS.
 1/2 TO 2 UNITS
 09000 LAB A ARR GRAD STUDIO
 09018 LAB B ARR GRAD STUDIO

ART 492 INDIVIDUAL READINGS IN HISTORY OF ART.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 1 UNIT
 SECTIONS A AND B MAY BE TAKEN SIMULTANEOUSLY. REGISTRATION ALLOWED
 FOR EACH SECTION IS 1/2 TO 1 UNIT.
 09026 CONF A ARR
 09034 CONF B ARR

ART 493 SEMINAR.
 PREREQUISITE: GRADUATE STANDING IN ART.
 1 UNIT
 09042 CONF A 7-10PM M 133 F A B GUNTER
 09051 CONF B 7-10PM TU 133 F A B
 09069 CONF C 7-10PM W 133 F A B HARDIMAN

ART 494 SEMINAR: STUDIES IN THE DEVELOPMENT OF ART HISTORY AND
 CRITICISM.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 09077 CONF A ARR

ART 495 PAINTING LABORATORY.
 PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN PAINTING AND
 PRINTMAKING, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
 1/2 TO 3 UNITS
 09085 LAB A ARR GRAD STUDIO

ART 496 SCULPTURE LABORATORY.
 PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN SCULPTURE, OR
 CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
 1 TO 3 UNITS
 09093 LAB A ARR ART SCULPT

ART 497 PRINT WORKSHOP.
 PREREQUISITE: GRADUATE STANDING IN ART.
 1/2 TO 3 UNITS
 09107 LAB A ARR GRAD STUDIO
 09115 LAB B ARR 103 SURV BLDG

ART 499 THESIS RESEARCH.
 PREREQUISITE: FULL GRADUATE STANDING IN HISTORY OF ART.
 0 TO 4 UNITS
 09123 CONF A ARR
 09131 CONF B ARR

ASIAN STUDIES

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

AN UNDERGRADUATE MINOR IN ASIAN STUDIES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES REQUIRES AT LEAST TWENTY SEMESTER HOURS. THE TWENTY HOURS MUST INCLUDE ASIAN STUDIES 202 AND THE REMAINDER DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR CREDIT MAY NOT BE INCLUDED WITHIN THE TWENTY HOURS FOR THE MINOR. IT IS ADVISABLE EITHER TO INCLUDE IN THE MINOR, OR TO ACCOMPANY THE MINOR WITH, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED. BURMESE, CHINESE, INDONESIAN, JAPANESE, KOREAN, AND PERSIAN ARE OFFERED BY THE CENTER FOR ASIAN STUDIES. HINDI, ARABIC AND MODERN HEBREW ARE GIVEN IN THE DEPARTMENT OF LINGUISTICS. STUDENTS INTENDING TO MINOR IN ASIAN STUDIES SHOULD NOTIFY THE CENTER OFFICE.

A CANDIDATE FOR A MASTER'S DEGREE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW.

A DOCTORAL CANDIDATE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW. ALSO THE DOCTORAL CANDIDATE MUST, PRIOR TO THE COMPLETION OF HIS COURSE REQUIREMENTS FOR THE DEGREE, COMPLETE SATISFACTORILY ONE OF THE FOLLOWING: ARABIC 304, BURMESE 304, CHINESE 304, HINDI 304, INDONESIAN 304, JAPANESE 304, OR EQUIVALENT.

THE COURSES CHOSEN FOR THE GRADUATE MINOR MUST BE IN DEPARTMENTS OUTSIDE THE CANDIDATE'S MAJOR. STUDENTS SHOULD BE ADVISED TO CONSULT WITH THE CENTER OFFICE FOR OTHER COURSES THAT MAY BE ACCEPTABLE FOR CREDIT TOWARD THE MINOR.

STUDENTS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF EAST, SOUTHEAST, SOUTH, AND MIDDLE EAST ASIAN AFFAIRS AND CULTURES ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR AND FACULTY MEMBERS OF THE CENTER FOR ASIAN STUDIES IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. THE CENTER IS DESIGNATED A NATIONAL DEFENSE EDUCATION ACT (N.D.E.A.). LANGUAGE AND AREA STUDIES CENTER. THE DIRECTOR IS PROFESSOR ROBERT B. CRAWFORD, ASSOCIATE DIRECTOR IS G. L. TIKKU, ROOM 201, 1208 WEST CALIFORNIA, URBANA.

BELOW ARE LISTED COURSES ACCEPTABLE TOWARD THE ASIAN STUDIES
MINOR. FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE
APPROPRIATE DEPARTMENTS.

AG EC 353	HIST 391, 392, 393, 394, 395
ANTH 315, 316, 366, 368, 375	396, 397, 398, 399, 409
383, 384, 409, 410, 450*	441, 443, 445
ARAB 201, 202, 203, 204, 303	INDON 201, 202, 303, 304
304, 305, 306, 307, 308	JAPAN 201, 202, 203, 204, 205
ART 209, 302, 306, 316, 326	206, 301, 302, 303, 304
327, 328, 452, 453	305, 306, 309, 310, 320
AS ST202, 295, 450, 490	330
BURM 201, 202, 303, 304	KOREA 201, 202, 303, 304, 330
CHIN 201, 202, 203, 204, 205	LING 303, 330, 350, 351, 360
206, 301, 302, 303, 304	382, 383, 409, 410, 490*
305, 306, 307, 308, 309	MUSIC 316, 317
310, 320, 330, 350	PERS 201, 202, 205, 206, 303
C LIT 309	304, 305, 306, 309
ECON 353, 358, 490*	PHIL 361
GEOG 351, 357, 495*	POL S 337, 338, 346*, 347, 348
M HBR 201, 202, 303, 304, 305	349, 380, 389, 437, 446
306, 307, 308	448, 449
HINDI 201, 202, 303, 304, 305	R SOC 343
306, 307, 308, 309, 310	SOC 309, 328, 335, 343, 355
HIST 209, 210, 298*, 307, 308	371
374, 387, 388, 389, 390	

*ONLY THE SECTIONS DEALING WITH ASIA ARE APPLICABLE.

COURSES FOR ADVANCED UNDERGRADUATES

AS ST 202 INTERDISCIPLINARY PRO-SEMINAR IN ASIAN STUDIES.
PREREQUISITE: CONSENT OF INSTRUCTOR.

4 HOURS

09140 CONF

130-3

TU TH

140 L H

CRAWFORD

AS ST 295 READINGS COURSE.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 TO 4 HOURS

OPEN TO FRESHMEN.

09158 CONF

ARR

COURSES FOR GRADUATES

AS ST 450 SEMINAR IN ASIAN STUDIES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

*MAY BE REPEATED UP TO 3 UNITS.

*1 UNIT

THIS COURSE WILL BE TAUGHT WITH HIST. 409 AND ART 452.

09166 LECT-DISC

1-3

TU TH

94 COM W

UNNO, EIDE

AS ST 490 INDIVIDUAL STUDY AND RESEARCH IN SPECIAL TOPICS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 TO 3 UNITS

09174 CONF

ARR

ASTRONOMY

DEPARTMENT OFFICE

103 OBSERV

MAJOR: TWENTY HOURS IN ASTRONOMY EXCLUDING ASTRONOMY 101. PHYSICS COURSES AT THE 300-LEVEL MAY BE SUBSTITUTED FOR ASTRONOMY COURSES TO THE EXTENT OF SIX HOURS AS PART OF THE MAJOR.

MINOR: TWENTY HOURS WHICH MUST INCLUDE PHYSICS 106, 107, AND 108. THE REMAINING EIGHT HOURS MAY BE TAKEN IN PHYSICS OR IN ONE OF THE FOLLOWING SUBJECTS: CHEMISTRY, GEOLOGY, MATHEMATICS, PHILOSOPHY. IF TWO SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

INDIVIDUAL INSTRUCTION IS PROVIDED FOR SUPERIOR UNDERGRADUATE STUDENTS AT HOURS TO BE ARRANGED.

COURSES FOR UNDERGRADUATES

ASTR 101 DESCRIPTIVE ASTRONOMY.

NOT OPEN TO STUDENTS WHO HAVE HAD TWO OR MORE SEMESTERS OF COLLEGE PHYSICS.

*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.

*4 HOURS

STUDENTS MUST REGISTER IN THE LECTURE AND IN ANY ONE DISCUSSION SECTION.

09182	LECT		2	M	W	F	124	BUR HALL	WYATT
09191	DISC	A	9		TH		221	G H	
09204	DISC	B	10		TH		221	G H	
09212	DISC	C	11		TH		221	G H	
09221	DISC	D	1		TH		221	G H	

ASTR 102 DESCRIPTIVE ASTRONOMY.

PREREQUISITE: ASTR. 101.

*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.

*4 HOURS

STUDENTS WHO REGISTER IN LECTURE I MUST ALSO REGISTER IN DISCUSSION A, B, C, D, E, OR F. STUDENTS WHO REGISTER IN LECTURE II MUST ALSO REGISTER IN DISCUSSION J, K, L, OR M.

09239	LECT	I	11	M	W	F	112	G H	YOSS
09247	DISC	A	9		TU		221	G H	
09255	DISC	B	10		TU		221	G H	
09263	DISC	C	11		TU		221	G H	
09271	DISC	D	1		TU		221	G H	
09280	DISC	E	2		TU		221	G H	
09298	DISC	F	3		TU		221	G H	
09301	LECT	II	1	M	W	F	124	BUR HALL	CAHN
09310	DISC	J	10		TU		217	G H	
09328	DISC	K	11		TU		329	G H	
09336	DISC	L	1		TU		217	G H	
09344	DISC	M	2		TU		170	L H	

COURSES FOR ADVANCED UNDERGRADUATES

ASTR 210 GENERAL ASTRONOMY.

PREREQUISITE: TWO SEMESTERS OF COLLEGE PHYSICS.

*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 101 OR ASTR. 102.

*3 HOURS

09352	LECT		1	M	W	F	314	L H	OLSON
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ASTR 307 CELESTIAL MECHANICS.

PREREQUISITE: ASTR. 306 OR PHYS. 322.

3 HOURS OR 1 UNIT

09361	LECT		9	M	W	F	124	OBSERV	AVNER
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ASTR 314 OBSERVATIONAL ASTRONOMY.

SAME AS C.E. 305.

PREREQUISITE: MATH. 142 OR 143; ASTR. 102 OR 210 OR C. E. 201.

4 HOURS OR 1 UNIT

*THREE HOURS OBSERVATIONAL WORK TO BE ARRANGED

09379	LECT		*2	M	W	F	124	OBSERV	KALER
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ASTR 321 STELLAR SYSTEMS, I.
 PREREQUISITE: ASTR. 102 OR 210, PHYSICS 108.
 3 HOURS OR 1 UNIT
 09337 LECT 3 M W F 124 OBSERV YOSS

ASTR 366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
 SAME AS E. E. AND PHYCS. 366.
 PREREQUISITE: PHYCS. 342, 321 AND 381; OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 09395 LECT T 230-4 TU TH 137 P B

COURSES FOR GRADUATES

ASTR 415 EXPERIMENTAL METHODS IN RADIO ASTRONOMY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE TWO UNITS.
 *1 UNIT
 09409 CONF ARR SWENSON

ASTR 424 RELATIVITY AND COSMOLOGY.
 SAME AS MATH. 460 AND PHYCS. 424.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 09417 LECT 2 M W F 140 BUR HALL MAY

ASTR 486 CONSTITUTION OF THE IONOSPHERE: AN INTRODUCTION TO AERONOMY.
 SAME AS E. E. 486.
 PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING, PHYSICS,
 OR ASTRONOMY, MATH. 341 OR EQUIVALENT.
 1 UNIT
 09425 DISC F 2 M W F 57 E E B BOWHILL

ASTR 491 SEMINAR IN SPECIAL TOPICS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 TO 4 UNITS
 09433 LECT-DISC A 4 M W F 207 G H STAFF
 09441 LECT-DISC B 4 TU TH 207 G H STAFF

ASTR 499 THESIS RESEARCH
 0 TO 4 UNITS
 09450 CONF ARR STAFF

AVIATION

DEPARTMENT OFFICE

U OF I WILLARD AIRPORT

COURSES OFFERED BY THE INSTITUTE OF AVIATION ARE OPEN TO STUDENTS
 AND FACULTY IN ALL DEPARTMENTS OF THE UNIVERSITY, SUBJECT TO
 LIMITATIONS IMPOSED BY THE AVAILABILITY OF SPACE AND EQUIPMENT.
 CREDIT FOR INSTITUTE OF AVIATION COURSES IS GENERAL UNIVERSITY
 CREDIT. HOWEVER, ITS USE AS CREDIT TOWARD GRADUATION IS A MATTER
 FOR EACH COLLEGE TO PASS UPON.

THE FEE FOR EACH INSTITUTE OF AVIATION FLIGHT COURSE IS \$550,
 EXCEPT FOR AVIATION 100 WHICH IS \$125, AVIATION 105 AND 115, WHICH
 IS \$245, AND AVIATION 222 WHICH IS \$350. THERE IS NO FEE FOR
 AVIATION 250. ARRANGEMENTS FOR THE PHYSICAL EXAMINATION FOR
 STUDENTS IN AVIATION 101 ARE MADE BY THE INSTITUTE THROUGH THE
 UNIVERSITY HEALTH SERVICE UPON FINAL ACCEPTANCE IN THE PRIVATE
 PILOT COURSE AT REGISTRATION TIME SUBJECT TO POSSIBLE LIMITATIONS
 IMPOSED BY THE HEALTH SERVICE. STUDENTS IN AVIATION 140 ARE
 REQUIRED TO POSSESS A CURRENT SECOND CLASS F. A. A. MEDICAL
 CERTIFICATE AT THE TIME OF REGISTRATION.

BUS TRANSPORTATION BETWEEN THE CAMPUS AND AIRPORT IS PROVIDED FREE OF CHARGE TO ALL STUDENTS REGISTERED IN AVIATION COURSES. THE DAILY BUS SCHEDULE, WITH ROUTINGS, IS LISTED SEPARATELY IMMEDIATELY FOLLOWING THE FLIGHT COURSES. STUDENTS MAY PROVIDE THEIR OWN TRANSPORTATION IF THEY WISH. IN EITHER EVENT, ALL STUDENTS REGISTERING FOR AVIATION COURSES SHOULD SELECT THE APPROPRIATE BUS SECTIONS IN ORDER TO AVOID CONFLICTS WITH ON-CAMPUS COURSES.

DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY FLIGHT COURSE. ONLY GRADUATE STUDENTS AND SENIORS WILL BE PERMITTED TO REGISTER ON THE FIRST DAY OF ADVANCED REGISTRATION, JUNIORS WILL BE PERMITTED TO REGISTER ON THE SECOND DAY, SOPHOMORES ON THE THIRD DAY, AND FRESHMAN ON THE FOURTH DAY. DURING THE ADVISING PERIOD OF ADVANCE ENROLLMENT, EACH STUDENT PLANNING TO REGISTER FOR A FLIGHT COURSE MUST GO TO 317 E H FOR APPROVAL AND SECTIONING.

IN SOME CASES TWO OR MORE FLIGHT COURSES MAY BE TAKEN CONCURRENTLY BY SPECIAL PERMISSION.

COURSES FOR UNDERGRADUATES

AVI 100 ORIENTATION TO AVIATION.

3 HOURS

09468	LECT	9	TU TH	419	E H	EMANUEL
	LAB	ARR				EMANUEL

AVI 101 PRIVATE PILOT.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. EACH AVI. 101 STUDENT MUST REGISTER FOR ONE LECT., ONE DISC. AND ONE FLIGHT SECTION.

09476	LECT	A	8-930	TU TH	400	E H	EMANUEL
09484	LECT	B	11	M W F	400	E H	HANSON
09492	LECT	C	2	M W F	400	E H	HANSON
09506	DISC	A	730-930PM	M	305	E H	BENN & STAFF
09514	DISC	B	730-930PM	TU	305	E H	BENN & STAFF
09522	FLT	F 1	8-930	M W F		AIRPORT	TREICHEL AND STAFF
09531	FLT	F 2	930-11	M W F		AIRPORT	
09549	FLT	F 3	11-1230	M W		AIRPORT	
09557	FLT	F 4	1230-2	M W F		AIRPORT	
09565	FLT	F 5	2-330	M W F		AIRPORT	
09573	FLT	F 6	330-5	M W F		AIRPORT	
09581	FLT	F 7	8-930	TU TH S		AIRPORT	
09590	FLT	F 8	930-11	TU TH S		AIRPORT	
09603	FLT	F 9	1230-2	TU TH S		AIRPORT	
09611	FLT	F 10	2-330	TU TH S		AIRPORT	
09620	FLT	F 11	330-5	TU TH S		AIRPORT	

AVI 105 SOARING, I.

1 HOUR

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09638	DISC	APR				DUNN
	FLT	ARR				DUNN

AVI 115 SOARING, II.

PREREQUISITE: AVI. 105 OR EQUIVALENT.

1 HOUR

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09646	DISC	ARR				DUNN
	FLT	ARR				DUNN

AVI 120 SECONDARY FLIGHT.

PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC	A	1030-12	TU TH	400	E H	
09654	LECT-DISC	A	4	M W F	400	E H
09662	LECT-DISC	B	4	M W F	400	E H
09671	FLT	F 1	8-930	M W F		AIRPORT
09689	FLT	F 2	930-11	M W F		AIRPORT
09697	FLT	F 3	11-1230	M W F		AIRPORT
09701	FLT	F 4	1230-2	M W F		AIRPORT
09719	FLT	F 5	2-330	M W F		AIRPORT
09727	FLT	F 6	330-5	M W F		AIRPORT
09735	FLT	F 7	8-930	TU TH S		AIRPORT
09743	FLT	F 8	930-11	TU TH S		AIRPORT
09751	FLT	F 9	1230-2	TU TH S		AIRPORT
09760	FLT	F10	2-330	TU TH S		AIRPORT
09778	FLT	F11	330-5	TU TH S		AIRPORT

EMANUEL
EMANUEL
DEXTER
AND STAFF

AVI 130 INTERMEDIATE FLIGHT.

PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC	A	9	M W F	400	E H	
09786	LECT-DISC	A	9	M W F	400	E H
09794	FLT	X 2	1-5	M		AIRPORT
09808	FLT	X 3	8-12	TU		AIRPORT
09816	FLT	X 4	1-5	TU		AIRPORT
09824	FLT	X 6	1-5	W		AIRPORT
09832	FLT	X 7	8-12	TH		AIRPORT
09841	FLT	X 8	1-5	TH		AIRPORT
09859	FLT	X10	1-5	F		AIRPORT
09867	FLT	X11	8-12	S		AIRPORT
09375	FLT	X12	1-5	S		AIRPORT

KOONTZ
AND STAFF

AVI 140 ADVANCED FLIGHT.

PREREQUISITE: AVI. 120 AND 130; CONSENT OF DIRECTOR.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC	A	9	M W F	160	M E B	
09883	LECT-DISC	A	9	M W F	160	M E B
09891	FLT	F 3	11-1230	M W F		AIRPORT
09905	FLT	F 4	1230-2	M W F		AIRPORT
09913	FLT	F 5	2-330	M W F		AIRPORT
09921	FLT	F 6	330-5	M W F		AIRPORT
09930	FLT	F 7	8-930	TU TH S		AIRPORT
09948	FLT	F 8	930-11	TU TH S		AIRPORT
09956	FLT	F 9	1230-2	TU TH S		AIRPORT
09964	FLT	F10	2-330	TU TH S		AIRPORT
09972	FLT	F11	330-5	TU TH S		AIRPORT

EMANUEL
GORDON
AND STAFF

COURSES FOR ADVANCED UNDERGRADUATES

AVI 200 BASIC INSTRUMENT FLIGHT TECHNIQUES.

PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, OR EQUIVALENT FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

LECT-DISC	A	8	M W F	168	E E B	
09981	LECT-DISC	A	8	M W F	168	E E B
09999	FLT	F 2	930-11	M W F		AIRPORT
10007	FLT	F 3	11-1230	M W F		AIRPORT
10015	FLT	F 4	1230-2	M W F		AIRPORT
10023	FLT	F 5	2-330	M W F		AIRPORT
10031	FLT	F 6	330-5	M W F		AIRPORT
10040	FLT	F 7	8-930	TU TH S		AIRPORT
10058	FLT	F 8	930-11	TU TH S		AIRPORT
10066	FLT	F 9	1230-2	TU TH S		AIRPORT
10074	FLT	F10	2-330	TU TH S		AIRPORT
10082	FLT	F11	330-5	TU TH S		AIRPORT

JAMISON
ANDERSON AND
STAFF

AVI 210 ADVANCED INSTRUMENT FLIGHT PROCEDURES.
 PREREQUISITE: AVI. 200 OR 40 HOURS OF SIMULATED INSTRUMENT
 FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10091	LECT-DISC		8	M	W	F	400	E H	EMANUEL
10104	FLT	F 2	930-11	M	W	F		AIRPORT	ANDERSON
10112	FLT	F 3	11-1230	M	W	F		AIRPORT	
10121	FLT	F 4	1230-2	M	W	F		AIRPORT	AND STAFF
10139	FLT	F 5	2-330	M	W	F		AIRPORT	
10147	FLT	F 6	330-5	M	W	F		AIRPORT	
10155	FLT	F 7	8-930	TU	TH	S		AIRPORT	
10163	FLT	F 8	930-11	TU	TH	S		AIRPORT	
10171	FLT	F 9	1230-2	TU	TH	S		AIRPORT	
10180	FLT	F10	2-330	TU	TH	S		AIRPORT	
10198	FLT	F11	330-5	TU	TH	S		AIRPORT	

AVI 220 FLIGHT INSTRUCTOR.
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, JUNIOR STANDING,
 CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10201	LECT-DISC		3	M	W	F	400	E H	HANSON
10210	FLT	F 1	8-930	M	W	F		AIRPORT	ANDERSON
10228	FLT	F 2	930-11	M	W	F		AIRPORT	AND STAFF
10236	FLT	F 3	11-1230	M	W	F		AIRPORT	
10244	FLT	F 4	1230-2	M	W	F		AIRPORT	
10252	FLT	F 7	8-930	TU	TH	S		AIRPORT	
10261	FLT	F 8	930-11	TU	TH	S		AIRPORT	
10279	FLT	F 9	1230-2	TU	TH	S		AIRPORT	
10297	FLT	F10	2-330	TU	TH	S		AIRPORT	
10295	FLT	F11	330-5	TU	TH	S		AIRPORT	

AVI 250 PRACTICE TEACHING, AIRPLANE.
 PREREQUISITE: AVI. 220 OR FLIGHT INSTRUCTOR CERTIFICATE; JUNIOR
 STANDING; CONSENT OF DIRECTOR.
 3 HOURS
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10309	DISC	ARR							
	FLT	ARR							

AVI 280 SPECIAL RATING (MULTI-ENGINE LAND).
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
 1 HOUR
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.
 STUDENT MUST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.

10317	DISC	ARR						AIRPORT	BENN AND STAFF
10325	FLT	F 1	8-930	M	W	F		AIRPORT	
10333	FLT	F 2	930-11	M	W	F		AIRPORT	
10341	FLT	F 3	11-1230	M	W	F		AIRPORT	
10350	FLT	F 4	1230-2	M	W	F		AIRPORT	
10368	FLT	F 7	8-930	TU	TH	S		AIRPORT	
10376	FLT	F 8	930-11	TU	TH	S		AIRPORT	
10384	FLT	F 9	1230-2	TU	TH	S		AIRPORT	

AVI 291 SPECIAL RATINGS AND/OR SPECIALIZED FLIGHT.
 PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
 1 HOUR
 NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10392	DISC	ARR						AIRPORT	BENN AND STAFF
10406	FLT	F 1	8-930	M	W	F		AIRPORT	
10414	FLT	F 2	930-11	M	W	F		AIRPORT	
10422	FLT	F 3	11-1230	M	W	F		AIRPORT	
10431	FLT	F 4	1230-2	M	W	F		AIRPORT	
10449	FLT	F 5	2-330	M	W	F		AIRPORT	
10457	FLT	F 6	330-5	M	W	F		AIRPORT	
10465	FLT	F 7	8-930	TU	TH	S		AIRPORT	
10473	FLT	F 8	930-11	TU	TH	S		AIRPORT	
10481	FLT	F 9	1230-2	TU	TH	S		AIRPORT	
10490	FLT	F10	2-330	TU	TH	S		AIRPORT	
10503	FLT	F11	330-5	TU	TH	S		AIRPORT	

BUS SCHEDULE AND ROUTE

THE INSTITUTE OF AVIATION BUS MAKES REGULAR TRIPS BETWEEN THE AIRPORT AND THE CAMPUS BEGINNING ON THE FIRST DAY OF CLASSES AND CONTINUING THROUGH THE LAST DAY OF FINAL EXAMINATIONS. THE BUS LEAVES FROM THE CAMPUS PARKING LOCATION AT THE NORTH EAST CORNER OF AERO LAB 3, AND MAKES REGULAR STOPS ON THE WAY TO THE AIRPORT AT THE CORNERS OF SIXTH AND ARMORY STREETS, FOURTH STREET AND GREGORY DRIVE, AND FIRST STREET AND GREGORY DRIVE. THE TRIP FROM THE AIRPORT BACK TO THE CAMPUS IS VIA GREGORY DRIVE AND GOODWIN AVENUE TO THE PARKING LOCATION. THE SCHEDULE IS AS FOLLOWS:
ON THE FIRST TRIP TO THE CAMPUS EACH MORNING THE BUS IS ROUTED BETWEEN THE FLORIDA AVENUE AND THE PENNSYLVANIA AVENUE RESIDENCE HALLS.

AVI 302 BUS FROM CAMPUS TO AIRPORT.

NO CREDIT

10511	BUS	A 1	730-8	M	W	F	CAMPUS
10520	BUS	A 2	9-930	M	W	F	CAMPUS
10538	BUS	A 3	10-1030	M	W	F	CAMPUS
10546	BUS	A 4	11-1130	M	W	F	CAMPUS
10554	BUS	A 5	12-1230	M	W	F	CAMPUS
10562	BUS	A 6	1-130	M	W	F	CAMPUS
10571	BUS	A 7	2-230	M	W	F	CAMPUS
10589	BUS	A 8	3-330	M	W	F	CAMPUS
10597	BUS	A 9	4-430	M	W	F	CAMPUS
10601	BUS	A10	730-8	TU	TH	S	CAMPUS
10619	BUS	A11	9-930	TU	TH	S	CAMPUS
10627	BUS	A12	10-1030	TU	TH	S	CAMPUS
10635	BUS	A13	11-1130	TU	TH	S	CAMPUS
10643	BUS	A14	12-1230	TU	TH	S	CAMPUS
10651	BUS	A15	1-130	TU	TH	S	CAMPUS
10660	BUS	A16	2-230	TU	TH	S	CAMPUS
10678	BUS	A17	3-330	TU	TH	S	CAMPUS
10686	BUS	A18	4-430	TU	TH	S	CAMPUS

AVI 303 BUS FROM AIRPORT TO CAMPUS.

NO CREDIT

10694	BUS	C 1	830-9	M	W	F	AIRPORT
10708	BUS	C 2	930-10	M	W	F	AIRPORT
10716	BUS	C 3	1030-11	M	W	F	AIRPORT
10724	BUS	C 4	1130-12	M	W	F	AIRPORT
10732	BUS	C 5	1230-1	M	W	F	AIRPORT
10741	BUS	C 6	130-2	M	W	F	AIRPORT
10759	BUS	C 7	230-3	M	W	F	AIRPORT
10767	BUS	C 8	330-4	M	W	F	AIRPORT
10775	BUS	C 9	5-530	M	W	F	AIRPORT
10783	BUS	C10	830-9	TU	TH	S	AIRPORT
10791	BUS	C11	930-10	TU	TH	S	AIRPORT
10805	BUS	C12	1030-11	TU	TH	S	AIRPORT
10813	BUS	C13	1130-12	TU	TH	S	AIRPORT
10821	BUS	C14	1230-1	TU	TH	S	AIRPORT
10830	BUS	C15	130-2	TU	TH	S	AIRPORT
10848	BUS	C16	230-3	TU	TH	S	AIRPORT
10856	BUS	C17	330-4	TU	TH	S	AIRPORT
10864	BUS	C18	5-530	TU	TH	S	AIRPORT

AVIATION
AIRCRAFT MAINTENANCE

COURSES FOR UNDERGRADUATES

AVI	150	AIRCRAFT ENGINE OVERHAUL. PREREQUISITE: FIRST SEMESTER OF THE AIRCRAFT MAINTENANCE CURRICULUM OR EQUIVALENT. 3 HOURS NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 150 MUST ALSO REGISTER IN THE SAME SECTION IN AVI. 152 AND AVI. 154. SECTIONS MEET FOR 5 WEEKS.									
	10972	LECT	A	8-10	M W F	Q7	AIRPORT		FOX AND		
		LAB	A	10-12	M W F	Q7	AIRPORT		ZVONAR		
			A	930-12	TU TH	Q7	AIRPORT				
	10881	LECT	B	3-5	M W F	Q7	AIRPORT		GARRELTIS AND		
		LAB	B	130-3	MTW F	Q7	AIRPORT		MYLIN		
			B	3-5	TU	Q7	AIRPORT				
			B	230-5	TH	Q7	AIRPORT				
AVI	152	AIRCRAFT ENGINE ACCESSORY OVERHAUL. PREREQUISITE: FIRST SEMESTER OF THE AIRCRAFT MAINTENANCE CURRICULUM OR EQUIVALENT. 3 HOURS NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 152 MUST ALSO REGISTER IN THE SAME SECTION IN AVI. 150 AND AVI. 154. SECTIONS MEET FOR 5 WEEKS.									
	10979	LECT	A	ARR		Q4	AIRPORT		FOX AND		
		LAB	A	ARR		Q4	AIRPORT		ZVONAR		
	10902	LECT	B	ARR		Q4	AIRPORT		GARRELTIS AND		
		LAB	B	ARR		Q4	AIRPORT		MYLIN		
AVI	153	AIRCRAFT SHOP PRACTICE. 3 HOURS									
	10911	LECT		1230	TU	Q3	AIRPORT		GARRELTIS		
		LAB		1230-220	TH	Q3	AIRPORT		GARRELTIS		
AVI	154	AIRCRAFT PROPELLERS. PREREQUISITE: FIRST SEMESTER OF THE AIRCRAFT MAINTENANCE CURRICULUM OR EQUIVALENT. 3 HOURS NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 154 MUST ALSO REGISTER IN THE SAME SECTION IN AVI. 150 AND AVI. 152. SECTIONS MEET FOR 5 WEEKS.									
	10929	LECT	A	ARR		Q3	AIRPORT		FOX &		
		LAB	A	ARR		Q3	AIRPORT		ZVONAR		
	10937	LECT	B	ARR		Q3	AIRPORT		GARRELTIS &		
		LAB	B	ARR		Q3	AIRPORT		MYLIN		
AVI	155	AIRCRAFT MATHEMATICS. 3 HOURS									
	10945	LECT-DISC	A	9-415	TU TH	Q3	AIRPORT		TRJLUCK &		
	10953	LECT-DISC	B	1230	M W F	Q3	AIRPORT		STAFF		
AVI	158	AIRCRAFT OVERHAUL. 3 HOURS NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 158 MUST ALSO REGISTER IN THE SAME SECTION IN AVI. 160 AND AVI. 162. SECTIONS MEET FOR 5 WEEKS.									
	10961	LECT-DISC	A	1030-1230	M W F	Q8	AIRPORT		APPLEGATE		
		LAB	A	8-10	TU TH	Q8	AIRPORT		APPLEGATE		
			A	1-230	MTWTHF	Q8	AIRPORT				
	10970	LECT-DISC	B	930-1130	M W F	Q8	AIRPORT		MCLANE		
		LAB	B	1130	M W F	Q8	AIRPORT		MCLANE		
			B	8-12	TU TH	Q8	AIRPORT				
	10988	LECT-DISC	C	1230-230	M W F	Q8	AIRPORT		LADAGE		
		LAB	C	230-5	M W F	Q8	AIRPORT		LADAGE		
			C	3-5	TU TH	Q8	AIRPORT				

AVI	160	AIRCRAFT RIGGING AND ASSEMBLY.					
		2 HOURS					
		NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 160 MUST ALSO REGISTER IN THE SAME SECTION IN AVI. 158 AND AVI. 162.					
		SECTIONS MEET FOR 5 WEEKS.					
	10996	LECT-DISC	A	ARR		Q8 AIRPORT	APPLEGATE
		LAB	A	ARR		Q8 AIRPORT	APPLEGATE
	11002	LECT-DISC	B	ARR		Q8 AIRPORT	MCLANE
		LAB	B	ARR		Q8 AIRPORT	MCLANE
	11011	LECT-DISC	C	ARR		Q8 AIRPORT	LADAGE
		LAB	C	ARR		Q8 AIRPORT	LADAGE
AVI	161	AIRPORT MANAGEMENT.					
		3 HOURS					
	11029	LECT-DISC		8-915	TU TH	Q8 AIRPORT	FOX
AVI	162	AIRCRAFT SYSTEMS AND APPLIANCES.					
		3 HOURS					
		NOTE: A STUDENT WHO REGISTERS FOR A SECTION IN AVI. 162 MUST ALSO REGISTER IN THE SAME SECTION IN AVI. 158 AND AVI. 160.					
		SECTIONS MEET FOR 5 WEEKS.					
	11037	LECT-DISC	A	ARR		Q8 AIRPORT	APPLEGATE
		LAB	A	ARR		Q8 AIRPORT	APPLEGATE
	11045	LECT-DISC	B	ARR		Q8 AIRPORT	MCLANE
		LAB	B	ARR		Q8 AIRPORT	MCLANE
	11053	LECT-DISC	C	ARR		Q8 AIRPORT	LADAGE
		LAB	C	ARR		Q8 AIRPORT	LADAGE
AVI	168	PROBLEMS OF AIRCRAFT MAINTENANCE.					
		PREREQUISITE: SOPHOMORE STANDING.					
		2 HOURS					
	11061	LECT-DISC	A	10	TU TH	Q8 AIRPORT	APPLEGATE
	11070	LECT-DISC	B	1230	TU TH	Q8 AIRPORT	LADAGE
AVI	170	AIRCRAFT ELECTRICAL SYSTEMS AND COMPONENTS.					
		3 HOURS					
	11088	LECT-DISC	A	11-1230	TU TH	Q8 AIRPORT	APPLEGATE
	11096	LECT-DISC	B	130-3	TU TH	Q8 AIRPORT	MCLANE
AVI	182	BASIC ELECTRONIC THEORY.					
		PREREQUISITE: AVI. 181.					
		3 HOURS					
	11100	LECT-DISC		1-3	M W F	Q4 AIRPORT	KEHELY
AVI	184	AIRCRAFT NAVIGATION AND COMMUNICATIONS SYSTEM.					
		PREREQUISITE: AVI. 183 OR CONSENT OF INSTRUCTOR.					
		5 HOURS					
	11118	LECT-DISC	ARR			Q4 AIRPORT	KEHELY
AVI	186	F. A. A. AND F. C. C. REGULATIONS.					
		3 HOURS					
	11126	LECT-DISC	ARR			Q4 AIRPORT	KEHELY
AVI	188	AIRCRAFT INSTRUMENTATION.					
		PREREQUISITE: AVI. 183.					
		3 HOURS					
	11134	LECT-DISC	ARR			Q4 AIRPORT	KEHELY

BANDS

DEPARTMENT OFFICE

140 BAND

THE FOLLOWING COURSE IS OPEN TO STUDENTS WHO HAVE BEEN ACCEPTED BY EXAMINATION FOR MEMBERSHIP IN ONE OF THE UNIVERSITY BANDS: CONCERT BAND, FIRST REGIMENTAL BAND, SECOND REGIMENTAL BAND. ASSIGNMENTS ARE MADE ACCORDING TO PROFICIENCY AND INSTRUMENTATION. COMPLETION OF THE COURSE INVOLVES, IN ADDITION TO THE SCHEDULE OF REHEARSALS, PARTICIPATION IN THE PUBLIC APPEARANCES OF THE BANDS.

NEW BAND STUDENTS SHOULD MAKE APPOINTMENTS FOR AUDITIONS AT THE BANDS OFFICE BEFORE OR AT THE BEGINNING OF EITHER THE ADVANCE ENROLLMENT ADVISING PERIOD OR REGISTRATION WEEK. THOSE WHO ARE ACCEPTED WILL BE GIVEN BAND REGISTRATION PERMITS, WITH INDICATION OF THE BAND TO WHICH ASSIGNED AND THE REHEARSAL DAYS AND HOURS--TWO OR THREE TIMES A WEEK.

ALL MEMBERS MUST BE REGISTERED IN BAND 101.

THIS COURSE IS CONSIDERED AS ENSEMBLE CREDIT BY THE SCHOOL OF MUSIC.

DIRECTOR BEGIAN, ASSISTANT DIRECTOR KISINGER, ASSISTANT DIRECTOR DUKER, MR. SEXTON, MR. FAIRCHILD.

COURSES FOR UNDERGRADUATES

BANDS 101 BAND.

1/2 HOUR

NO MOBILITY BETWEEN SECTIONS.

*SECTION A: CONCERT BAND.

*SECTION B: CONCERT BAND.

*SECTION C: FIRST REGIMENTAL BAND.

*SECTION D: SECOND REGIMENTAL BAND.

11142	PRACT	*A	4-530	TU TH	141 BAND
11151	PRACT	*B	2	M W F	141 BAND
11169	PRACT	*C	4-530	M W	141 BAND
11177	PRACT	*D	1	M W F	141 BAND

BIOCHEMISTRY

DEPARTMENT OFFICE

415 EAST CHEMISTRY

MAJOR: TWENTY HOURS OF ADVANCED COURSE WORK IN BIOCHEMISTRY AND CHEMISTRY INCLUDING BIOCHEMISTRY 350 AND 355, ORGANIC CHEMISTRY THROUGH CHEMISTRY 336, AND ONE YEAR OF PHYSICAL CHEMISTRY (CHEMISTRY 342 AND 344 OR ALTERNATELY, CHEMISTRY 340 AND 346 OR CHEMISTRY 340 AND BIOCHEMISTRY 351). ADVANCED COURSE WORK EXCLUDES COURSES NUMBERED 199 AND 100 THROUGH 130.

MINORS: TWENTY OR MORE HOURS CHOSEN FROM PHYSICS, MATHEMATICS OR LIFE SCIENCE SO AS TO INCLUDE AT LEAST TWO 300 LEVEL COURSES IN LIFE SCIENCES.

DEPARTMENTAL DISTINCTION: STUDENTS IN BIOCHEMISTRY REGISTERED IN BIOCHEMISTRY 290 (THESIS), OR IN CHEMISTRY 290 (THESIS) BECOME CANDIDATES FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

COURSES FOR UNDERGRADUATES

BIOCH 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

11185 CONF

ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES

BIOCH 290 THESIS.

PREREQUISITE: BIOCH. 350 AND 355. EACH STUDENT WHO DESIRES TO DO THESIS RESEARCH MUST RECEIVE WRITTEN PERMISSION FROM A MEMBER OF THE BIOCHEMISTRY FACULTY. ACCORDINGLY, PROSPECTIVE STUDENTS ARE ENCOURAGED TO CONTACT THE BIOCHEMISTRY STAFF IN THE SEMESTER PRIOR TO REGISTRATION IN THIS COURSE. REGISTRATION FOR A TOTAL OF 10 HOURS OVER 2 SEMESTERS IS EXPECTED.

*IN ORDER TO RECEIVE CREDIT A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN BIOCH. 290.

*4 TO 6 HOURS

11193 CONF

ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOCH 350 GENERAL BIOCHEMISTRY.

PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT.

3 HOURS OR 3/4 UNIT

11207 LECT

9

TU TH S

116 E C

CLARK

BIOCH 355 BIOCHEMISTRY LABORATORY.

PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT; REGISTRATION IN BIOCH. 350.

4 HOURS OR 1 UNIT

11215 LAB-DISC

A

1

M W F

217 N L

HAGER

LAB

A

2-4

M W F

219 N L

11223 LAB-DISC

B

1

TU TH

217 N L

B

8

S

217 N L

LAB

B

2-4

TU TH

219 N L

B

10-12

S

219 N L

COURSES FOR GRADUATES

BIOCH 450 CHEMISTRY OF BIOLOGICAL PROCESSES.

PREREQUISITE: BIOCH. 350 AND 355.

1 UNIT

11231 LECT

10

TU TH S

116 E C

CONRAD

BIOCH 452 EXPERIMENTAL TECHNIQUES IN BIOCHEMISTRY.

PREREQUISITE: BIOCH. 350 AND 355.

3/4 OR 1 UNIT

11240 DISC

1

TU

115 E C

DUS

LAB

2-5

TU

315 E C

1-5

TH

315 E C

BIOCH 455 BIOCHEMISTRY SEMINAR.

REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS BIOCHEMISTRY.

PREREQUISITE: BIOCH. 350 AND 355, OR EQUIVALENT.

1/2 UNIT

11258 LECT-DISC

A

2

F

115 E C

STAFF

BIOCH 490 SPECIAL TOPICS IN BIOCHEMISTRY.

PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT.

1/4 TO 4 UNITS

86411 CONF

ARR

BIOCH 499 THESIS RESEARCH.

0 TO 4 UNITS

11266 CONF

ARR

STAFF

BIOLOGY

DEPARTMENT OFFICE

393 MOR HALL

HONORS MAJOR IN BIOLOGY - SEE UNDERGRADUATE COURSES BULLETIN.

GENERAL MAJOR IN BIOLOGY: BIOLOGY 110, 111 AND AN ADDITIONAL TWENTY HOURS OF COURSES AT THE 200 AND 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISER, AND INCLUDING AT LEAST ONE OF THE FOLLOWING: BIOLOGY 210, MICROBIOLOGY 200 AND 201, OR PHYSIOLOGY 301 AND 303. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, AND MATHEMATICS THROUGH MATHEMATICS 120 OR THE EQUIVALENT. CALCULUS AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

COURSES FOR UNDERGRADUATES

BIOL 101 BIOLOGICAL SCIENCE, II.

PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR.

4 HOURS

STUDENTS MUST REGISTER FOR ONE CONF/QUIZ COMBINATION; (QUIZ ARRANGED AT STUDENT'S CONVENIENCE FOR 1 HOUR BETWEEN 8:00 A.M. AND 6:00 P.M. ON THE DAY INDICATED. INDEPENDENT STUDY IN LEARNING CENTER (AUDIO-TUTORIAL), FOR 3-4 HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT IN ROOM 425 NHB.

11274	CONF	1	11	TU	228	N H B	KIEFFER
	QUIZ	1	ARR	TH			
11282	CONF	2	1	TU	228	N H B	KIEFFER
	QUIZ	2	ARR	F			
11291	CONF	3	2	TU	228	N H B	KIEFFER
	QUIZ	3	ARR	F			

BIOL 111 PRINCIPLES OF BIOLOGY, II.

PREREQUISITE: BIOL. 110.

5 HOURS

ECOLOGY FIELD TRIP-OPTIONAL. APPROXIMATE EXPENSE \$3.00.

11304	LECT	1	8	M W F	228	N H B	LARSEN, SARGENT
11312	LECT	2	1	M W F	228	N H B	SWEENEY
11321	LAB	A	9-12	M	309	N H B	
	DISC	A	1	M	309	N H B	
11339	LAB	B	9-12	M	313	N H B	
	DISC	B	1	M	313	N H B	
11347	LAB	C	2-5	M	309	N H B	
	DISC	C	8	TU	309	N H B	
11355	LAB	D	2-5	M	313	N H B	
	DISC	D	8	TU	313	N H B	
11363	LAB	E	9-12	TU	309	N H B	
	DISC	E	1	TU	309	N H B	
11371	LAB	F	9-12	TU	313	N H B	
	DISC	F	1	TU	313	N H B	
11380	LAB	G	2-5	TU	309	N H B	
	DISC	G	8	W	309	N H B	
11398	LAB	H	2-5	TU	313	N H B	
	DISC	H	8	W	313	N H B	
11401	LAB	I	9-12	W	309	N H B	
	DISC	I	1	W	309	N H B	
11410	LAB	J	9-12	W	313	N H B	
	DISC	J	1	W	313	N H B	
11428	LAB	K	2-5	W	309	N H B	
	DISC	K	8	TH	309	N H B	
11436	LAB	L	2-5	W	313	N H B	
	DISC	L	8	TH	313	N H B	
11444	LAB	M	9-12	TH	309	N H B	
	DISC	M	1	TH	309	N H B	
11452	LAB	N	9-12	TH	313	N H B	
	DISC	N	1	TH	313	N H B	
11461	LAB	O	2-5	TH	309	N H B	
	DISC	O	8	F	309	N H B	
11479	LAB	P	2-5	TH	313	N H B	
	DISC	P	8	F	313	N H B	
11487	LAB	Q	9-12	F	309	N H B	
	DISC	Q	1	F	309	N H B	
11495	LAB	R	9-12	F	313	N H B	
	DISC	R	1	F	313	N H B	
11509	LAB	S	2-5	F	309	N H B	
	DISC	S	8	M	309	N H B	
11517	LAB	T	2-5	F	313	N H B	
	DISC	T	8	M	313	N H B	

BIOL 151 THE CELL.
 PREREQUISITE: CHEM. 102 OR 108; CONSENT OF INSTRUCTOR.
 5 HOURS
 ENROLLMENT LIMITED TO STUDENTS APPROVED BY BIOLOGY HONORS COMMITTEE.
 11525 LECT 6 11 M W F 300 N L WHITT
 LAB 6 1-5 TU 102 H H

COURSES FOR ADVANCED UNDERGRADUATES

BIOL 203 HONORS SEMINAR.
 PREREQUISITE: JUNIOR OR SENIOR STANDING, 4.0 CUMULATIVE AVERAGE,
 2 COURSES IN BIOLOGY OR CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED ONCE FOR CREDIT.
 *1 HOUR
 11533 LECT-DISC 2A 7-9PM M 136 BUR HALL GETZ
 11541 LECT-DISC 2B 7-9PM TU 136 BUR HALL PHILLIPS
 11550 LECT-DISC 2C 7-9PM TU 384 MOR HALL SIEGLER
 11568 LECT-DISC 2D 7-9PM W 136 BUR HALL BLACK
 11576 LECT-DISC 2E 3-5PM TH 384 MOR HALL BOOTH

BIOL 210 GENETICS.
 PREREQUISITE: BIOL. 110-111 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 *CREDIT WILL NOT BE GIVEN FOR BIOL. 210 AND BIOL. 115 OR ZOOL. 106.
 *4 HOURS
 11584 LECT-DISC A 3 MTUWTHF 140 BUR HALL STAFF
 11592 LECT-DISC B 3 MTUWTHF 202 H H
 11606 LECT-DISC C 4 MTUWTHF 138 ADMIN
 11614 LECT-DISC D 4 MTUWTHF 238 ADMIN

BIOL 211 DEVELOPMENTAL BIOLOGY.
 PREREQUISITE: BIOL. 110-111 OR EQUIVALENT; CHEM. 133 OR 234.
 4 HOURS
 11622 LECT 1 TU 140 BUR HALL DAVENPORT
 11631 DISC A 1-3 TH 140 BUR HALL
 11649 DISC B 4 TU 231 N H B
 11657 DISC C 4 W 231 N H B
 TH 231 N H B

BIOL 251 THE ORGANISM.
 PREREQUISITE: BIO. 151.
 5 HOURS
 11665 LECT 6 11 M W F 202 H H WILLIS
 LAB 6 1-5 F 102 H H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOL 305 PRINCIPLES OF TAXONOMY.
 PREREQUISITE: BIOL. 210 OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 11673 LECT 2 TU TH 231 N H B EADES

BIOL 311 PRINCIPLES OF POPULATION BIOLOGY, II.
 PREREQUISITE: BIOL. 310 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 11691 LECT 2 M W F 314 A H KIRK

BIOL 312 ENVIRONMENTAL BIOLOGY.
 PREREQUISITE: ONE YEAR OF BIOLOGY OR CONSENT OF INSTRUCTOR.
 5 HOURS OR 1 UNIT
 11690 LECT 3 M W F 228 N H B
 LAB ARR HANEY, LELAND
 MACLEAN

BIOL 313 EXPERIMENTAL GENETICS.
 PREREQUISITE: BIOL. 151 OR 210; AND CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 11703 CONF 1-3 TU 103 H H BROWN & STAFF
 LAB ARR

BIO 314 EXPERIMENTAL DEVELOPMENT.
 PREREQUISITE: BIO 211 OR 251, OR ZOOL 333; AND CONSENT OF INSTRUCTOR.
 4 CREDITS OR 1/4 UNIT
 11711 LECT 1-3 M 103 H H STOCUM & STAFF
 LAB ARR

BIO 351 POPULATION BIOLOGY.
 PREREQUISITE: BIO 151 AND 251, OR CONSENT OF INSTRUCTOR.
 4 CREDITS OR 1 UNIT
 11771 LECT 1 M W F 202 H H SELANDER
 LAB 1-3 TH 202 H H

COURSES FOR GRADUATES

BIO 411 DISCUSSIONS IN GENETICS AND CYTOGENETICS.
 1/4 UNIT
 11738 LECT-DISC 9 W 140 BUR HALL STAFF

BIO 423 ELECTRON MICROSCOPY.
 SAME AS CHEM. 423.
 OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
 PREREQUISITE: A COURSE IN MODERN PHYSICS OR PHYSICAL CHEMISTRY (HAVING ALGEBRA AS A PREREQUISITE), ADEQUATE AN INTRODUCTION TO X-RAY PHOTOGRAPHY, AND CONSENT OF INSTRUCTOR.
 1/2 UNIT
 11746 LECT 8 Tu Th 262 REV HALL HALL

BIO 429 ELECTRON MICROSCOPY WITH LABORATORY.
 SAME AS CHEM. 429.
 OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
 PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF CHEMISTRY, MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR.
 1 UNIT
 11784 LECT 4 M W F 242 REV HALL HALL
 LAB-DISC 4 F 242 REV HALL
 LAB ARR

BIO 441 ADVANCED PLANT PHYSIOLOGY, II.
 PREREQUISITE: BIO 440.
 1 UNIT
 11752 LECT 8 M W F 204 H H

BIO 490 SPECIAL TOPICS IN BIOLOGY.
 1/2 TO 2 UNITS
 11771 CONF ARR STAFF

BIO 493 ADVANCED ELECTRON MICROSCOPY.
 SAME AS CHEM. 493.
 OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
 PREREQUISITE: CREDIT IN BIO, ZCHEM, 429 AND CONSENT OF INSTRUCTOR.
 1/4 TO 1/2 UNIT
 11789 LAB-DISC ARR 97 REV HALL HALL

BIO 499 THESIS RESEARCH.
 3 TO 4 UNITS
 11797 CONF ARR STAFF

BIOPHYSICS

DEPARTMENT OFFICE

524 BUR HALL

COURSES FOR UNDERGRADUATES

BIOPH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
11401 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOPH 312 INTRODUCTION TO RADIOBIOLOGY.
PREREQUISITE: MATH. 142 OR 143, PHYSICS 8 HOURS, AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT
11419 LECT 11 W F 312 N L DUCOFF

COURSES FOR GRADUATES

BIOPH 402 ADVANCED BIOPHYSICS, II.
PREREQUISITE: ONE YEAR OF PHYSICS BEYOND INTRODUCTORY PHYSICS OR EQUIVALENT, CALCULUS, PHYSICAL CHEMISTRY.
1 UNIT
TOPIC--PHOTOBIOLOGY, BIOENERGETICS.
11427 LECT-DISC 11 M W F 136 BUR HALL SYRESMA AND STAFF

BIOPH 410 SPECIAL TOPICS IN BIOPHYSICS.
PREREQUISITE: BIOPH. 401 OR EQUIVALENT, BIOPH. 402 AND 403.
1/2 TO 1 UNIT
11435 CONF ARR STAFF

BIOPH 411 SEMINAR
PREREQUISITE: ENROLLMENT IN THE BIOPHYSICS PROGRAM OR CONSENT OF INSTRUCTOR.
1/2 UNIT
TOPIC--TO BE ARRANGED.
11443 CONF ARR STAFF

BIOPH 463 RADIOISOTOPES IN BIOLOGICAL RESEARCH: PRINCIPLES AND PRACTICE.
SAME AS V.M.S. 463 AND AN. S. 463.
PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS
PHYSICS, AND/OR CONSENT OF INSTRUCTOR.
3/4 UNIT
11451 LECT 11 M W 253 V M TWAROCK AND
11452 LAB A 1-5 TH 252 V M ANDERSON
11474 LAB B 1-5 TH 252 V M

BIOPH 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING; CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS
11486 CONF ARR STAFF

BIOPH 499 THESIS RESEARCH.
0 TO 4 UNITS
11494 CONF ARR STAFF

BOTANY

DEPARTMENT OFFICE

207 MOR HALL

MAJOR: TWENTY HOURS OF BOTANY, EXCLUDING BOTANY 100, 101, AND PHYSIOLOGY 110 AND 111, BUT INCLUDING BOTANY 200, 304, 305, AND 335 OR THEIR EQUIVALENT. THE MAJOR OF THE MINIMUM OF TWENTY HOURS MUST BE TAKEN IN OTHER 300-LEVEL COURSES. PHYSIOLOGY 110 AND BOTANY 301 ARE STRONGLY RECOMMENDED.

IN ADDITION, ONE SEMESTER EACH OF GENERAL CHEMISTRY, PHYSICS, AND ZOOLOGY IS REQUIRED. ONE ADDITIONAL SEMESTER OF PHYSICAL SCIENCE IS ALSO REQUIRED, BUT THIS MAY BE SELECTED FROM COURSES IN PHYSICS OR GEOLOGY.

CREDIT WILL BE GIVEN TWO HOURS IN BIOLOGY 205 MAY BE INCLUDED IN THE TWENTY HOURS OF CREDIT FOR THE MAJOR. BIOLOGY 110 AND 111, OR BIOLOGY 191 AND 192 ARE ACCEPTABLE PREREQUISITES FOR THOSE ADVANCED BOTANY COURSES THAT NOW REQUIRE BOTANY 100 OR 101 AND ZOOLOGY 100.

MINORS: TWENTY HOURS IN ONE OR TWO SUBJECTS CHOSEN IN CONSULTATION WITH THE CHAIRMAN OF THE DEPARTMENT FROM THE FOLLOWING: AGRONOMY, CHEMISTRY, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, HORTICULTURE, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, PLANT PATHOLOGY, AND ZOOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

IF HORTICULTURE IS CHOSEN AS A MINOR, NOT MORE THAN TEN HOURS MAY BE COUNTED. THE TEN HOURS MAY BE CHOSEN FROM HORTICULTURE 100, 110, 200 OR 205, 206, 207, AND 301 OR 302.

COURSES FOR UNDERGRADUATES

BOT 100 GENERAL BOTANY.

*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.
45 HOURS

11908	LECT	1	5	10 TH	258 N H B	THOMPSON
11916	LECT	2	9	TU TH	258 N H B	THOMPSON
11904	LAB-DISC	M	9-12	TU	258 N H B	STAFF
11902	LAB-DISC	P	1-4	TU	258 N H B	STAFF
11901	LAB-DISC	R	9-12	W	258 N H B	STAFF
11909	LAB-DISC	T	1-4	W	258 N H B	STAFF
11907	LAB-DISC	MM	9-12	TH	258 N H B	STAFF
11975	LAB-DISC	RR	1-4	TH	258 N H B	STAFF
11990	LAB-DISC	SS	9-12	F	258 N H B	STAFF
11991	LAB-DISC	TT	1-4	F	258 N H B	STAFF

BOT 101 GENERAL BOTANY FOR SELECTED STUDENTS.

PREREQUISITE: JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR.

*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.

45 HOURS

12008	LAB-DISC	LA	1-3	M W F	258 N H B	ARNTZEN
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COURSES FOR ADVANCED UNDERGRADUATES

BOT 234 FORM AND FUNCTION IN FLOWERING PLANTS.

PREREQUISITE: BOT. 100 OR 101, OR A YEAR OF BIOLOGY; CHEM. 102.

3 HOURS

12016	LECT	1	5	M W F	136 MOR HALL	HANSON
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BOT 260 INTRODUCTORY PLANT TAXONOMY.

PREREQUISITE: BOT. 100 OR 101, OR BIOL. 110 AND 111, OR O. S. S. 131 AND 132.

3 HOURS

12024	LECT		10	TU TH	202 H H	PAYNE
12032	LAB	C	10-12	W	304 N H B	STAFF
12041	LAB	P	1-3	TU	304 N H B	STAFF
12059	LAB	T	3-5	TH	304 N H B	STAFF

BOT 293 HONORS.

PREREQUISITE: FIFTEEN HOURS OF BOTANY, SENIOR STANDING.

2 HOURS

12067	CONF	6	ARR			STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BOT	300	INDIVIDUAL TOPICS. PREREQUISITE: BOT. 100, TEN HOURS OF ADVANCED WORK IN BOTANY OR ANOTHER BIOLOGICAL SCIENCE, SENIOR STANDING. *GRADUATE STUDENTS MAY OFFER 1 UNIT TOWARD M. S. *2 TO 5 HOURS, OR 1/4 OR 1/2 UNIT	12075	CONF	6	ARR					STAFF
BOT	341	FIELD ECOLOGY. PREREQUISITE: BOT. 260, 366, 381, 385, AND CONSENT OF INSTRUCTOR. FIELD TRIP DURING SPRING VACATION. *STUDENTS MAY ACCUMULATE 3 HOURS OR 3/4 UNIT. *1 HOUR OR 1/4 UNIT DEPOSIT REQUIRED BY MARCH 1.	12083	LAB		ARR					HANEY
BOT	345	PLANT ANATOMY. PREREQUISITE: ONE YEAR OF BOTANY. 4 HOURS OR 1 UNIT	12091	LECT	1	M W	306	N H B			CAROTHERS
				LAB	2-4	M W	306	N H B			CAROTHERS
BOT	352	VIRUSES, II. SAME AS MCBIO. AND ZOOL. 352. PREREQUISITE: BOT./MCBIO./ZOOL. 351 OR CONSENT OF INSTRUCTOR; BIOCHEMISTRY AND CALCULUS RECOMMENDED. 3 HOURS OR 3/4 UNIT	12105	LECT	9	M W F	140	BUR HALL			BLACK, MACLEOD REICHMANN
BOT	372	GENERAL MYCOLOGY. PREREQUISITE: ONE YEAR OF BOTANY, ENTOMOLOGY, MICROBIOLOGY, OR ZOOLOGY, SENIOR STANDING, OR CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT	12113	LAB-DISC	10-12	M W F	408	N H B			ROGERS
COURSES FOR GRADUATES											
BOT	402	MOLECULAR GENETICS. SAME AS MCBIO. AND ZOOL. 402. PREREQUISITE: MCBIO. 330 OR EQUIVALENT. 3/4 UNIT	12121	LECT	10	M W F	231	N H B			STAFF
BOT	410	BOTANY DISCUSSIONS. *NO CREDIT GIVEN EXCEPT FOR STUDENTS PRESENTING RESULTS OF THEIR PH. D. THESIS RESEARCH. *0 OR 1/4 UNIT	12130	LECT	3-5	TU	124	BUR HALL			BLACK
BOT	413	DISCUSSIONS IN PLANT PHYSIOLOGY. 1/4 UNIT	12148	LECT-DISC	12	F	140	BUR HALL			DICKINSON
BOT	418	DISCUSSIONS IN PLANT ECOLOGY AND PLANT GEOGRAPHY. PREREQUISITE: GRADUATE STANDING IN BOTANY, ENTOMOLOGY, GEOGRAPHY, OR ZOOLOGY. *STUDENTS MAY ACCUMULATE 1 1/2 UNITS. *1/4 UNIT	12156	DISC	4	M	308	N H B			BAZZAZ
BOT	419	DISCUSSIONS IN PHOTOSYNTHESIS AND RELATED TOPICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT	12164	LECT-DISC		ARR					JOVINOQUE
BOT	424	MINERAL NUTRITION OF PLANTS. SAME AS HORT. AND AGRON. 424. PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR. 1 UNIT	12172	LECT-DISC	1	8	TU TH S	W115	T H		HAGEMAN
					1	9	S	W115	T H		

BOT	427	DISCUSSIONS IN MYCOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT	12181	LECT-DISC	3	W	408	N H B	ROGERS
BOT	433	ADVANCED PHYSIOLOGY OF GROWTH, RESPONSES, AND REPRODUCTION. PREREQUISITE: BOT. 330 OR EQUIVALENT. 1 UNIT	12199	LECT	2	M W F	136	BUR HALL	NANCE, WILSON DICKINSON
BOT	442	ENVIRONMENTAL PLANT PHYSIOLOGY. SAME AS AGRON. 442. PREREQUISITE: CHEM. 133, GENERAL PHYSICS, GENERAL OR PLANT PHYSIOLOGY AND CONSENT OF INSTRUCTOR. 1/4 UNIT	12202	LECT	1	M W F	308	N H B	BOYER
BOT	450	PHYSIOLOGY. PREREQUISITE: ONE YEAR OF BOTANY OR ANOTHER BIOLOGICAL SCIENCE, OR CONSENT OF INSTRUCTOR. 1 UNIT	12211	LAB-DISC	1-4	TU TH	306	N H B	HOFFMAN
BOT	471	ADVANCED MYCOLOGY--SPECIAL GROUPS. PREREQUISITE: BOT. 372 OR CONSENT OF INSTRUCTOR. 1/2 UNIT	12229	LAB	4	M	408	N H B	ROGERS, TUVESON
BOT	482	ECOLOGICAL METHODS. PREREQUISITE: ONE YEAR OF BOTANY INCLUDING BOT. 381 OR EQUIVALENT. 1 UNIT	12237	LECT	1-4	TU TH	308	N H B	HANEY
BOT	493	ADVANCED STUDIES IN BOTANY. • NOT MORE THAN 1 UNIT MAY BE APPLIED TOWARD THE GRADUATE COLLEGE M.S. DEGREE REQUIREMENT OF 3 UNITS OF COURSE WORK. • 1/2 TO 2 UNITS WORK MAY BE TAKEN IN THE FOLLOWING FIELDS: A--ANATOMY B--BIOCHEMICAL CYTOLOGY C--ATHOLOGICAL RHYTHMS D--CYTOGENETICS & SPECIATION E--ECOLOGY F--GENETICS G--MORPHOGENESIS-DEVELOPMENT H--MORPHOLOGY I--MYCOLOGY J--PALEOBOTANY K--PHOTOSYNTHESIS L--PHYCOLOGY M--PHYSIOLOGY N--TAXONOMY O--ULTRASTRUCTURE P--VIRIDLOGY	12245	LAB	A	ARR			STAFF
BOT	499	THESIS RESEARCH. 0 TO 4 UNITS	12253	LAB		ARR			STAFF

BURMESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

BURM 202 ELEMENTARY BURMESE, II.
PREREQUISITE: BURM. 201 OR EQUIVALENT.
5 HOURS
OPEN TO FRESHMEN.
12261 LECT-DISC ARR

SUWANTRA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BURM 304 INTERMEDIATE BURMESE, II.
PREREQUISITE: BURM. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT
12270 LECT-DISC ARR

SUWANTRA

BUSINESS

DEPARTMENT OFFICE

350 COM W

COURSES FOR GRADUATES

BUS 499 THESIS RESEARCH
0 TO 4 UNITS
12288 CONF 8 TU TH 243 COM W

BUSINESS ADMINISTRATION

DEPARTMENT OF BUSINESS ADMINISTRATION--350 COM W

COURSES FOR UNDERGRADUATES

B ADM 190 MOTIVATION AND RESPONSIBILITY IN BUSINESS.
PREREQUISITE: FRESHMEN PARTICIPATING IN AN HONORS PROGRAM.
3 HOURS
12296 CONF 10-12 TU ARR

B ADM 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
12300 CONF ARR
12318 LECT-DISC T 3-5 M W F 241 COM W

COURSES FOR ADVANCED UNDERGRADUATES

B ADM 200 THE LEGAL ENVIRONMENT OF BUSINESS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS
*EN3 OPEN TO HONORS STUDENTS ONLY.
12326 LECT 1 10 M 141 COM W
12334 DISC C 10 W F 236 COM W
12440 DISC *EN3 10 TU TH 224 D K H
12342 DISC M 9 TU TH 122 D K H
12351 DISC N1 10 TU TH 170 COM W
12369 DISC N2 10 TU TH 166 COM W
12377 DISC P1 11 TU TH 170 COM W

B ADM 200 CONTINUED

12385	DISC	P2	11	TU TH	236	COM W
12393	DISC	P3	11	TU TH	243	COM W
12407	DISC	R1	1	TU TH	122	D K H
12415	DISC	R2	1	TU TH	236	COM W
12423	DISC	S1	2	TU TH	106	D K H
12431	DISC	S2	2	TU TH	236	COM W

B ADM 201 BASIC PRINCIPLES OF BUSINESS LAW.

PREREQUISITE: JUNIOR STANDING; ACCT. 105; ECON. 102.

*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 201

IN ADDITION TO B. ADM. 261.

*3 HOURS

12458	LECT-DISC	D	11	M W F	91	COM W
12466	LECT-DISC	F	2	M W F	91	COM W

B ADM 202 PRINCIPLES OF MARKETING.

PREREQUISITE: ECON. 172 OR EQUIVALENT.

*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 202 AND

B. ADM. 272.

*3 HOURS

651 OPEN TO HONORS STUDENTS ONLY.

12474	LECT	1	1	TU TH	112	G H
12498	DISC	651	2	TU TH	15	D K H
12482	DISC	S2	2	TU TH	122	D K H
12491	DISC	S3	2	TU TH	166	COM W
12504	DISC	T1	3	TU TH	122	D K H
12512	DISC	T2	3	TU TH	226	COM W
12521	DISC	R1	9	W F	115	D K H
12539	DISC	R2	9	W F	525	D K H
12547	DISC	C1	10	W F	241	COM W
12555	DISC	C2	10	W F	325	D K H
12563	DISC	O1	11	W F	206	D K H
12571	DISC	C2	11	W F	224	D K H
12580	DISC	O3	11	W F	317A	D K H

B ADM 203 PRINCIPLES OF BUSINESS LAW.

PREREQUISITE: B. ADM. 202.

*4 HOURS

12601	LECT-DISC	D	11	MTWTF	166	COM W
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B ADM 206 MARKETING ENVIRONMENT.

PREREQUISITE: B. ADM. 202.

*3 HOURS

12610	LECT-DISC	C	10	M W F	111	D K H
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B ADM 210 MANAGEMENT AND ORGANIZATIONAL BEHAVIOR.

PREREQUISITE: JUNIOR STANDING.

*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 210 AND B. ADM. 247.

*3 HOURS

12628	LECT	1	8	TU	141	COM W
12636	DISC	M1	9	TU TH	160	COM W
12644	DISC	M2	9	TU TH	170	COM W
12652	DISC	N1	10	TU TH	106	D K H
12661	DISC	N2	10	TU TH	310	D K H
12679	DISC	N3	10	TU TH	306	D K H
12687	DISC	P1	11	TU TH	15	D K H
12695	DISC	P2	11	TU TH	21	D K H
12703	DISC	P3	11	TU TH	106	D K H
12717	DISC	R1	1	TU TH	226	COM W
12725	DISC	R2	1	TU TH	166	COM W
12733	DISC	S1	2	TU TH	226	COM W
12741	DISC	S2	2	TU TH	21	D K H

B ADM 212 PRINCIPLES OF RETAILING.

PREREQUISITE: B. ADM. 202.

*3 HOURS

12750	LECT-DISC	B	9	M W F	349	ARMORY
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B ADM 247 INTRODUCTION TO MANAGEMENT.

FOR NON-COMMERCE STUDENTS ONLY.

PREREQUISITE: SOPHOMORE STANDING.

*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 247 AND B. ADM. 210.

*3 HOURS

12768	LECT-DISC	D	11	M W F	160	COM W
12776	LECT-DISC	F	1	M W F	226	COM W

B ADM 249 HUMAN RELATIONS.
FOR NON-COMMERCE MAJORS ONLY.
PREREQUISITE: B. ADM. 210 OR 247.

3 HOURS
12784 LECT-DISC C 10 M W F 166 COM W

B ADM 261 SUMMARY OF BUSINESS LAW.
FOR NON-COMMERCE STUDENTS ONLY.

PREREQUISITE: JUNIOR STANDING.
*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 261 IN ADDITION TO B. ADM. 201.

*3 HOURS
12792 LECT-DISC B 9 M W F 122 D K H
12806 LECT-DISC C 10 M W F 122 D K H
12814 LECT-DISC D 11 M W F 122 D K H

B ADM 272 INDUSTRIAL SELLING.

FOR NON-COMMERCE STUDENTS.

*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 272 AND B. ADM. 202

*3 HOURS
12822 LECT-DISC C 11 M W F 236 COM W

B ADM 290 HUMAN VALUES AND BUSINESS BEHAVIOR.

PREREQUISITE: ADVANCED STANDING, JAMES SCHOLAR OR PARTICIPANT IN A DEPARTMENTAL HONORS PROGRAM.

3 HOURS
12831 LECT-DISC R 1-3 TU 152 COM W

B ADM 294 SENIOR RESEARCH.

PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.

2 TO 4 HOURS
12849 CONF C 10 M W F 166 COM W

B ADM 295 SENIOR RESEARCH.

PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.

2 TO 4 HOURS
12857 CONF 11 TU TH 91 COM W

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

B ADM 301 THE LAW OF THE UNIFORM COMMERCIAL CODE.

PREREQUISITE: B. ADM. 201 OR 201; SENIOR STANDING.

3 HOURS, OR 3/4 OR 1 UNIT
12865 LECT-DISC F 1 M W F 122 D K H
12873 LECT-DISC F 2 M W F 122 D K H

B ADM 314 PRODUCTION.

PREREQUISITE: B. ADM. 374 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT
12881 LECT-DISC F 1 M W F 166 COM W

B ADM 315 MANAGEMENT IN MANUFACTURING.

PREREQUISITE: B. ADM. 213.

3 HOURS OR 1/2 UNIT
12890 LECT-DISC F 2 M W F 170 COM W

B ADM 320 MARKETING RESEARCH.

PREREQUISITE: B. ADM. 202.

3 HOURS OR 1/2 UNIT
12903 LECT-DISC D 11 M W F 241 COM W

B ADM 321 INDUSTRIAL SOCIAL SYSTEMS, I.

SAME AS L. I. R. 321.

PREREQUISITE: B. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 TO 1 UNIT
12911 LECT-DISC B 9 M W F 241 COM W

B ADM 323 INDUSTRIAL SOCIAL SYSTEMS, II.
 PREREQUISITE: B. ADM. 321 AND PSYCH 201.
 3 HOURS, OR 1/2 TO 1 UNIT
 12920 LECT-DISC T 3-530 TU TH 241 COM W

B ADM 337 ADVERTISING AND SALES MANAGEMENT.
 PREREQUISITE: B. ADM. 202.
 3 HOURS OR 1/2 UNIT
 12938 LECT-DISC R 9 M W F 160 COM W
 12946 LECT-DISC D 11 M W F 322 D K H

B ADM 344 CONSUMER BEHAVIOR.
 PREREQUISITE: B. ADM. 202.
 3 HOURS OR 1/2 UNIT
 12954 LECT-DISC F 1 M W F 170 COM W
 12962 LECT-DISC F 2 M W F 166 COM W
 12971 LECT-DISC N 10-1130 TU TH 122 D K H

B ADM 351 PERSONNEL ADMINISTRATION.
 PREREQUISITE: B. ADM. 323, AND ECON. 173 AND 240.
 *CREDIT WILL NOT BE GIVEN FOR B. ADM. 351 AND PSYCH. 145 OR 245 AND
 I. ADM. 448 OR 449.
 *3 HOURS, OR 1/2 TO 1 UNIT
 12989 LECT-DISC R 9 M W F 166 COM W

B ADM 352 PRICING POLICIES.
 PREREQUISITE: B. ADM. 202.
 3 HOURS OR 1/2 UNIT
 12997 LECT-DISC M 9-1030 TU TH 236 COM W

B ADM 373 ELECTRONIC DATA PROCESSING FOR BUSINESS.
 PREREQUISITE: ECON. 170, ACCT. 198 OR 198A.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION 1 OPEN TO STUDENTS WITH PRIOR COMPUTER KNOWLEDGE ONLY.
 13003 LECT-DISC A 9 M W F 166 COM W
 13011 LECT-DISC G 9-430 M TH 166 COM W

B ADM 374 OPERATIONS RESEARCH.
 PREREQUISITE: ECON. 173 AND B. ADM. 310, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 13020 LECT-DISC F 1 M W F 166 COM W
 13038 LECT-DISC N 1030-12 TU TH 160 COM W

B ADM 380 ADVANCED MARKETING MANAGEMENT.
 PREREQUISITE: B. ADM. 320 AND 337.
 3 HOURS OR 1/2 UNIT
 13046 LECT-DISC R 1-230 TU TH 241 COM W

B ADM 389 BUSINESS POLICY.
 PREREQUISITE: B. ADM. 301 OR 344, B. ADM. 374 AND SENIOR STANDING.
 *CREDIT IS NOT GIVEN FOR BOTH B. ADM. 389 AND B. ADM. 544.
 *3 HOURS OR 1/2 UNIT
 13054 LECT-DISC M 9-1030 TU TH 243 COM W

COURSES FOR GRADUATES

B ADM 402 SCIENTIFIC MANAGEMENT, II.
 SAME I. E. 402.
 PREREQUISITE: B. ADM. OR I. E. 401; BACKGROUND IN COMPUTER
 TECHNOLOGY OR CONSENT OF INSTRUCTOR.
 1 TO 1 1/2 UNITS
 13062 LECT-DISC 3-5 TU TH 235 M E B

B ADM 405 MARKETING THEORY AND SYSTEMS.
 1 UNIT
 13071 LECT-DISC N 10-12 TU 219 D K H

B ADM 406 DEVELOPMENT OF MARKETING THOUGHT.
 PREREQUISITE: B. ADM. 405.
 1 UNIT
 13089 LECT-DISC N 10-12 TH 219 D K H

B ADM 411 ORGANIZATIONAL SCIENCES, II.
SAME AS POL. S. 461, PSYCH. 454, AND SOC. 457.
PREREQUISITE: B. ADM. 410.
1 UNIT
13097 LECT-DISC C 10-12 M 170 COM W

B ADM 416 CONSUMER INFORMATION PROCESSING.
PREREQUISITE: B. ADM. 415.
1 UNIT
13191 LECT-DISC C 10-12 W 170 COM W

B ADM 422 MARKETING STRATEGY: DECISION MODELS.
PREREQUISITE: B. ADM. 421.
1 UNIT
13119 LECT-DISC E 1-3 W 236 COM W

B ADM 474 OPERATIONS RESEARCH.
PREREQUISITE: MATH. 363 AND B. ADM. 374 OR EQUIVALENT.
1 UNIT
13127 LECT-DISC R 1-3 TU TH 170 COM W

B ADM 485 THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS.
SAME AS PSYCH. AND SOC. 485.
PREREQUISITE: SOC. 387 OR ECON. 371, OR CONSENT OF INSTRUCTOR.
1 UNIT
13129 LECT-DISC F 3-5 M 170 COM W

B ADM 490 SEMINAR IN MARKETING.
1 UNIT
13144 CONF S 10 TU TH 91 COM W

B ADM 491 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR.
1/4 TO 1 UNIT
13151 LECT-DISC R 1-3 W 241 COM W

B ADM 492 RESEARCH IN SPECIAL FIELDS.
1/4 TO 3 UNITS
13160 CONF 2 TU TH 91 COM W

B ADM 493 THESIS RESEARCH.
3 TO 6 UNITS
13178 CONF APR

B ADM 501 MANAGERIAL ECONOMICS.
PREREQUISITE: B. ADM. 500 OR EQUIVALENT.
1 UNIT
13186 LECT-DISC 8-10 M F 243 COM W

B ADM 511 BUSINESS ORGANIZATION.
PREREQUISITE: B. ADM. 510.
3 UNIT
*SPECIAL SECTION FOR M. A. S. STUDENTS.
13188 LECT-DISC *F 1-3 M F 241 COM W
13189 LECT-DISC L 8-10 TU TH 241 COM W

B ADM 512 BUSINESS ORGANIZATION AND ITS ENVIRONMENT.
PREREQUISITE: B. ADM. 511.
1 UNIT
13215 LECT-DISC 10-12 TU 141 COM W

B ADM 531 INTRODUCTION TO PRODUCTION.
PREREQUISITE: FIRST SEMESTER OF THE M. B. A. PROGRAM.
1 UNIT
13224 LECT-DISC 1-3 TU TH 243 COM W

B ADM 532 QUANTITATIVE TECHNIQUES IN PRODUCTION.
PREREQUISITE: B. ADM. 531 OR EQUIVALENT.
1 UNIT
13232 LECT-DISC 1-3 M F 236 COM W

B ADM 544	EXECUTIVE POLICIES AND PLANNING.					
	PREREQUISITE: FIRST YEAR MASTER OF BUSINESS ADMINISTRATION COURSES OR EQUIVALENT.					
	*CREDIT IS NOT GIVEN FOR BOTH B. ADM. 544 AND B. ADM. 389.					
	*1 UNIT					
13241	LECT-DISC		8-12	W		243 COM W
B ADM 551	FINANCIAL ANALYSIS.					
	PREREQUISITE: COMPLETION OF FIRST SEMESTER OF M. B. A. PROGRAM.					
	1 UNIT					
13259	LECT-DISC		10-12	W	F	243 COM W
B ADM 552	FINANCIAL MANAGEMENT AND CONTROL, II.					
	PREREQUISITE: B. ADM. 551.					
	1 UNIT					
13267	LECT-DISC		10-12	W	F	98 COM W
B ADM 561	MANAGERIAL ACCOUNTING AND CONTROL.					
	PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.					
	1 UNIT					
13275	LECT-DISC		1-2		TU TH	160 COM W
B ADM 563	CONTROLLERSHIP.					
	PREREQUISITE: B. ADM. 562 OR EQUIVALENT.					
	1 UNIT					
13283	LECT-DISC		10-12		TU TH	94 COM W
B ADM 572	MODERN AND CLASSICAL STATISTICS FOR BUSINESS DECISIONS.					
	1 UNIT					
13291	LECT-DISC		10-12		TU TH	281 COM W
B ADM 573	INTRODUCTION TO OPERATIONS RESEARCH.					
	PREREQUISITE: B. ADM. 572 AND FIRST YEAR OF M.B.A. PROGRAM.					
	1 UNIT					
13309	LECT-DISC		10-12	W	F	243 COM W
B ADM 575	BUSINESS SIMULATION.					
	PREREQUISITE: B. ADM. 573.					
	1 UNIT					
13313	LECT-DISC		8-10	W	F	170 COM W
B ADM 577	ECONOMICS OF DECISION MAKING.					
	PREREQUISITE: B. ADM. 573.					
	1 UNIT					
13321	LECT-DISC		8-10		TU TH	160 COM W
B ADM 578	MATHEMATICAL PROGRAMMING FOR MANAGEMENT SCIENCE.					
	PREREQUISITE: MATH. 315 OR EQUIVALENT.					
	1 UNIT					
13327	LECT-DISC		8-9	W	TU	91 COM W
B ADM 583	INTERNATIONAL BUSINESS OPERATIONS, II.					
	PREREQUISITE: B. ADM. 582.					
	1 UNIT					
13343	LECT-DISC		8-10	W	F	91 COM W
B ADM 590	INDEPENDENT STUDY AND RESEARCH.					
	1/2 TO 1 UNIT					
13356	LECT-DISC	G	3-5	W		243 COM W
13364	LECT-DISC	N	10-12		TU TH	96 COM W
13372	LECT-DISC	T	3-5		TU	243 COM W
B ADM 599	THESIS RESEARCH.					
	0 TO 4 UNITS					
13381	CONF			ARR		

CERAMIC ENGINEERING

DEPARTMENT OFFICE

203 CER

COURSES FOR UNDERGRADUATES

CER E 102 CERAMIC MATERIALS AND PROCESSES.

PREREQUISITE: SOPHOMORE STANDING.

FIELD TRIP.

3 HOURS

13399	LECT		8	TU TH	218	CER	WILLMORE
13402	LAB	A	2-5	TU	113	CER	WILLMORE
13411	LAB	B	2-5	TH	113	CER	WILLMORE

CER E 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

13429 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

CER E 208 THERMAL PROCESSING.

PREREQUISITE: JUNIOR STANDING IN CERAMIC ENGINEERING.

3 HOURS

13437	LECT		8	M W F	218	CER	NELSON
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CER E 216 RATE PROCESS IN CERAMIC ENGINEERING.

PREREQUISITE: CHEM. 245 AND JUNIOR STANDING IN CERAMIC ENGINEERING.

3 HOURS

13445	LECT		9	TU TH	218	CER	BERGERON
13453	LAB	A	2-5	M	113	CER	BERGERON
13461	LAB	B	2-5	F	113	CER	BERGERON

CER E 221 PYROMETRY.

PREREQUISITE: JUNIOR STANDING, SOPHOMORE PHYSICS.

2 HOURS

13470	LECT		11	TH	218	CER	WILLMORE
13488	LAB	A	2-5	TU	317	CER	WILLMORE
13496	LAB	B	2-5	TH	317	CER	WILLMORE

CER E 222 CERAMIC COATINGS.

PREREQUISITE: JUNIOR STANDING IN ENGINEERING.

3 HOURS

13500	LECT		1	M W	218	CER	COOK
13518	LAB	A	2-5	TU	102	CER	COOK
13526	LAB	B	2-5	TH	102	CER	COOK

CER E 272 CERAMIC ENGINEERING DESIGN.

PREREQUISITE: T. A. M. 221, CER. E. 208 AND 271.

2 HOURS

13534	LECT		2	M	218	CER	NELSON
	LAB-DISC		3-6	W	218	CER	NELSON

CER E 298 SPECIAL PROBLEM.

PREREQUISITE: SENIOR STANDING.

1 TO 2 HOURS

13542 CONF ARR

CER E 299 SENIOR THESIS.

PREREQUISITE: SENIOR STANDING AND A GRADE POINT AVERAGE OF 4.0

OR BETTER.

*STUDENTS MAY REGISTER MORE THAN ONCE FOR A MAXIMUM OF FIVE HOURS.

TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED.

*1 TO 5 HOURS

13551 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CER E 301 ADVANCED CHEMISTRY AND TECHNOLOGY OF GLASS.

PREREQUISITE: CER. E. 214 OR CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT

13569	LECT		1	TU TH	218	CER	TOOLEY
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CER E 310 REFRACTORY TECHNOLOGY.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING.
 3 HOURS, OR 3/4 OR 1 UNIT
 13577 LECT 9 M W F 218 CER ALLEN

CER E 311 CERAMIC X-RAY ANALYSIS.
 PREREQUISITE: C. S. 101 AND SENIOR STANDING IN ENGINEERING,
 CHEMISTRY, GEOLOGY, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 13585 LECT 1 TU TH 136 M E B WIRTZ
 13593 LAB A 2-5 TU 316 CER WIRTZ
 13607 LAB B 2-5 W 316 CER WIRTZ

CER E 331 CERAMIC MICROSCOPY.
 PREREQUISITE: CER. E. 205 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 13615 LECT 2 TU 322 CER ALLEN
 LAB 3-5 TU 322 CER ALLEN
 10-12 TH 322 CER ALLEN

CER E 340 ELECTRICAL CERAMICS.
 PREREQUISITE: CER. E. 309 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 13623 LECT 11 M W 218 CER WIRTZ
 13631 LAB A 9-12 TU 211 CER WIRTZ
 13640 LAB B 2-5 TH 211 CER WIRTZ

CER E 388 NUCLEAR CERAMICS.
 PREREQUISITE: CHEM. 245, PHYS. 381, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 13658 LECT 1 MTW 322 CER ALLEN

COURSE FOR GRADUATES

CER E 402 CERAMICS.
 PREREQUISITE: COURSES IN PHYSICS AND CHEMISTRY.
 1 OR 2 UNITS
 13666 LECT ARR 218 CER

CER E 406 GLASS TECHNOLOGY.
 PREREQUISITE: CER. E. 405 OR CONSENT OF INSTRUCTOR.
 *FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
 *3/4 TO 1 UNIT
 13674 LECT 9 TU TH 64 M E B TOOLEY

CER E 407 PORCELAIN ENAMELS.
 PREREQUISITE: CER. E. 222 AND 320, OR THEIR EQUIVALENT.
 1 OR 1 1/2 UNITS
 13682 LECT ARR 218 CER

CER E 409 WHITEWARES.
 PREREQUISITE: CER. E. 309 AND 340 OR EQUIVALENT.
 1 OR 1 1/2 UNITS
 13691 LECT 8-10 TU TH 319 CER COOK

CER E 412 STRUCTURAL PHYSICAL CERAMICS.
 *FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
 *3/4 TO 1 UNIT
 13704 LECT 10 M W F 218 CER BROWN

CER E 418 PHYSICS OF STRONG SOLIDS.
 PREREQUISITE: ANY ONE OF THE FOLLOWING: CER. E. 307 OR 421,
 MET. E. 384, CHEM. 342, PHYS. 490, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 13712 LECT 10-1115 TU TH 64 M E B WILLIAMS

CER E 495 MATERIALS AND SPECIAL PROBLEMS.
 PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
 2 TO 2 UNITS
 13721 CONF ARR
 INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON,
 TOOLEY, WILLMORE, WILLIAMS, WIRTZ

CEP E 498 SEMINAR IN CERAMICS.
 REGISTRATION REQUIRED OF ALL GRADUATE STUDENTS IN CERAMIC
 ENGINEERING.
 PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
 0 CREDIT
 13739 CONF 1 TH 214 CER WILLIAMS

CEP E 499 THESIS RESEARCH.
 PREREQUISITE: CER. E. 311, GRADUATE STANDING IN CERAMIC
 ENGINEERING.
 0 TO 4 UNITS
 13747 CONF ARR
 INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON,
 TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

CHEMICAL ENGINEERING

DEPARTMENT OFFICE 113 EAST CHEMISTRY

COURSES FOR UNDERGRADUATES

CH E 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 13755 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

CH E 261 STOICHIOMETRY.
 PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 136 OR 342.
 3 HOURS
 13763 LECT-DISC 1 M W F 101 E C MILLER

CH E 290 THESIS.
 LIMITED IN GENERAL TO SENIORS IN THE CHEMICAL ENGINEERING
 CURRICULUM. ANY OTHERS MUST HAVE THE CONSENT OF THE HEAD OF
 THE DEPARTMENT.
 *EACH STUDENT MUST REGISTER IN A MINIMUM OF FIVE HOURS EITHER IN
 ONE SEMESTER OR DIVIDED OVER TWO SEMESTERS. A MAXIMUM REGISTRATION
 OF TEN HOURS IN TWO SEMESTERS IS PERMITTED. HOWEVER, CH. E. 379
 TWO HOURS, MAY BE SUBSTITUTED FOR TWO OF THE FIVE HOURS REQUIRED
 IN CH. E. 290. IN ORDER TO RECEIVE CREDIT, A THESIS MUST BE
 PRESENTED BY EACH STUDENT REGISTERED IN CH. E. 290.
 *2 TO 6 HOURS
 13771 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CH E 368 SELECTED TOPICS IN CHEMICAL ENGINEERING.
 PREREQUISITE: SENIOR STANDING IN CHEMICAL ENGINEERING OR CONSENT OF
 INSTRUCTOR.
 2 OR 3 HOURS, OR 3/4 OR 1 UNIT
 13780 LECT 9 M W F 101 E C ALKIRE

CH E 371 PRINCIPLES OF CHEMICAL ENGINEERING.
 PREREQUISITE: CH. E. 370 OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 13798 LECT-DISC 11 MTW F 115 E C MILLER

CH E 374 UNIT OPERATIONS LABORATORY.
 PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 373.
 3 HOURS OR 1/2 UNIT
 *ONE HOUR TO BE ARRANGED.
 13801 DISC *ARR WESTWATER
 LAB *1-6 TH 8 E C

CH E 379 CHEMICAL ENGINEERING PROJECTS.
 PREREQUISITE: SENIOR STANDING IN CHEMISTRY OR CHEMICAL ENGINEERING.
 2 HOURS OR 1/2 UNIT
 13810 LAB A 1-6 M 294 E C SCHMITZ
 13828 LAB B 1-6 TU 294 E C

CH E 381 CHEMICAL REACTOR DESIGN.
 PREREQUISITE: CH. E. 373.
 3 HOURS OR 3/4 UNIT
 13836 LECT 8 TU TH 101 E C HUDSON
 DISC 10 TH 101 E C

COURSES FOR GRADUATES

CH E 465 CHEMICAL ENGINEERING SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS CHEMICAL
 ENGINEERING.
 PREREQUISITE: CH. E. 373.
 1/4 UNIT
 13844 LECT-DISC 4 TU 116 E C DRICKAMER

CH E 468 PROPERTIES OF FLUIDS
 PREREQUISITE: BACKGROUND IN MODERN PHYSICAL CHEMISTRY AND PHYSICS,
 AND CONSENT OF INSTRUCTOR.
 3/4 OR 1 UNIT
 13852 LECT 11 TU TH 101 E C ECKERT

CH E 487 FLUID DYNAMICS.
 PREREQUISITE: CH. E. 464.
 1 UNIT
 13861 LECT 9 M W F 115 E C HANRATTY

CH E 499 THESIS RESEARCH.
 0 TO 4 UNITS
 INSTRUCTORS: ALKIRE, DRICKAMER, ECKERT, HANRATTY,
 HUDSON, SANI, SCHMITZ, WESTWATER.
 13879 CONF APP STAFF

CHEMISTRY

DEPARTMENT OFFICE

106 NOYES LAB

CHEMISTRY CURRICULUM: SEE UNDERGRADUATE STUDY CATALOG.

CHEMISTRY MAJORS IN THE SCIENCES AND LETTERS CURRICULUM: SEE
 UNDERGRADUATE COURSES CATALOG.

NOTE: CERTAIN CHEMISTRY COURSES HAVE BEEN REVISED AND RENUMBERED.
 THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN
 ORDER TO SATISFY LISTED PREREQUISITES: OLD CHEMISTRY 133 IS
 NOW CHEMISTRY 131 AND 134. OLD CHEMISTRY 234 IS NOW CHEMISTRY 136.
 OLD CHEMISTRY 281 IS NOW CHEMISTRY 181.

COURSES FOR UNDERGRADUATES

CHEM 100 INTRODUCTORY CHEMISTRY.

NO PREVIOUS CREDIT IN HIGH SCHOOL CHEMISTRY IS PRESUMED.
 PREREQUISITE: TWO AND ONE-HALF UNITS IN HIGH SCHOOL MATHEMATICS,
 OR CREDIT OR CONCURRENT REGISTRATION IN MATH. 111 OR 112.
 2 HOURS
 ATTENDANCE AT LECTURE, AT ASSIGNED QUIZ AND FOR 2-3 HOURS
 (UNSCHEDULED) IN AUDIO-TUTORIAL FACILITY (309 N. L.) IS
 REQUIRED WEEKLY.

13887	LECT		11	M	W	112	C A
	LAB		ARR			308	N L
13895	QUIZ	A	11		F	210	C A
13909	QUIZ	B	9		F	161	N L
13917	QUIZ	C	11		F	111	N L
13925	QUIZ	D	10		F	199	E C
13933	QUIZ	E	1	M	W	103	N L
13941	QUIZ	F	10		F	162	N L
13950	QUIZ	G	9		F	195	N L
13968	QUIZ	H	10		F	103	N L

CHEM 101 GENERAL CHEMISTRY.

FOR STUDENTS WHO HAVE SOME PRIOR KNOWLEDGE OF CHEMISTRY.

PREREQUISITE: CREDIT FOR OR EXEMPTION FROM MATH. 111 OR 112.

4 HOURS

A STUDENT MUST REGISTER IN A QUIZ-LAB COMBINATION BEARING THE
 SAME LETTER AS THE LECTURE HE CHOOSES.

LECTURES, A, B, AND C ARE TV LECTURES.

13976	LECT	A	2	TU TH		100	G H
14068	LECT	B	2	TU TH		103	M H
14157	LECT	C	2	TU TH		112	C A
13984	QUIZ	2	10	M	W	195	N L
	LAB	2 A	1-4			1	C A
14009	QUIZ	3 A	9	M	W	191	N L
	LAB	3 A	1-4			1	C A
14017	QUIZ	4 A	11	TU TH		161	N L
	LAB	4 A	1-4			1	C A
14025	QUIZ	5 A	1	TU TH		199	E C
	LAB	5 A	8-11			1	C A
14033	QUIZ	6 A	1	TU TH		195	N L
	LAB	6 A	8-11			1	C A
14041	QUIZ	7 A	1	TU TH		164	N L
	LAB	7 A	8-11			1	C A
14050	QUIZ	8 A	8	M	W	199	E C
	LAB	8 A	8-11			1	C A
14076	QUIZ	9 A	9	M	W	195	N L
	LAB	9 A	8-11			1	C A
14084	QUIZ	10B	10	M	W	103	N L
	LAB	10B	8-11			1	C A
14092	QUIZ	11B	8	M	W	195	N L
	LAB	11B	8-11			1	C A
14106	QUIZ	12B	1	M	W	195	N L
	LAB	12B	1-4			1	C A
14114	QUIZ	13B	2	M	W	115	E C
	LAB	13B	1-4			1	C A
14122	QUIZ	14B	3	M	W	111	N L
	LAB	14B	1-4			1	C A
14131	QUIZ	15B	3		W F	164	N L
	LAB	15B	8-11			1	C A
14149	QUIZ	16B	9		W F	164	N L
	LAB	16B	8-11	TU		1	C A
14165	QUIZ	17C	10		W F	193	E C
	LAB	17C	8-11	TU		1	C A
14173	QUIZ	18C	11		W F	199	E C
	LAB	18C	8-11	TU		1	C A
14181	QUIZ	19C	2		W F	195	N L
	LAB	19C	8-11			1	C A
14190	QUIZ	20C	1		W F	195	N L
	LAB	20C	8-11			1	C A
14203	QUIZ	21C	10	TU TH		195	N L
	LAB	21C	1-4			1	C A
14211	QUIZ	22C	2		W F	164	N L
	LAB	22C	8-11			1	C A

FORM 101 GENERAL CHEMISTRY.

PREREQUISITES: CHEM. 101, OR 107, & ADVANCED

PLACEMENT EXAM FOR ONE SEMESTER OF COLLEGE LEVEL CHEMISTRY.

NOTES:

STUDENTS MUST REGISTER IN ONE QUIZ-EXAM COMBINATION BEARING

THE SAME LETTER AS THE 15 HOUR OR COURSE. LECTURES E, F, G, AND H ARE BY LECTURES.

14000	LECT	8	1	M, W	100	N/L
14070	LECT	8	1	M, W	100	N/L
14075	LECT	8	11	M, W	100	N/L
14076	LECT	8	11	TH, TH	100	G/H
14079	LECT	8	4	TH, TH	100	M/H
14081	LECT	8	11	TU, TH	100	M/H
14082	LECT	8	11	TU, TH	112	C/A
14085	QUIZ	200	2	TU, TH	100	N/L
	LAB	200	9-11	M	1	C/A
14086	QUIZ	200	1	TH, TH	111	N/L
	LAB	200	9-12	TU	1	C/A
14089	QUIZ	200	4	TH, TH	111	N/L
	LAB	200	2-5	TH	101	C/A
14090	QUIZ	270	2	TH, TH	102	N/L
	LAB	270	2-5	TH	100	C/A
14091	QUIZ	200	1	TU, TH	112	E/C
	LAB	200	9-11	M	101	C/A
14094	QUIZ	200	1	TH, TH	104	E/C
	LAB	200	2-5	M	101	C/A
14097	QUIZ	300	1	TU, TH	107	N/L
	LAB	300	9-11	TU	101	C/A
14098	QUIZ	110	1	TU, TH	195	N/L
	LAB	110	9-11	TH	101	C/A
14099	QUIZ	300	2	TH, TH	108	N/L
	LAB	300	9-11	TH	101	C/A
14107	QUIZ	300	11	TU, TH	105	N/L
	LAB	300	2-5	TH	101	C/A
14335	QUIZ	300	1	TH, TH	109	E/C
	LAB	300	9-11	TH	101	C/A
14340	QUIZ	350	11	TH, TH	106	N/L
	LAB	350	9-11	M	101	C/A
14351	QUIZ	300	10	TH, TH	108	N/L
	LAB	300	2-5	TU	1	C/A
14352	QUIZ	270	1	TU, TH	193	E/C
	LAB	270	9-11	TH	101	C/A
14358	QUIZ	300	9	M, W	111	N/L
	LAB	300	9-11	M	111	C/A
14360	QUIZ	300	11	TH, TH	195	N/L
	LAB	300	9-11	M	101	C/A
14700	QUIZ	400	10	TU, TH	108	E/C
	LAB	400	2-5	TU	101	C/A
14710	QUIZ	410	11	TH, TH	105	E/C
	LAB	410	2-5	TU	101	C/A
14716	QUIZ	420	1	TH, TH	111	N/L
	LAB	420	9-12	TH	101	C/A
14718	QUIZ	430	1	TU, TH	101	E/C
	LAB	430	9-11	TH	101	C/A
14740	QUIZ	440	1	TU, TH	115	E/C
	LAB	440	9-12	TH	101	C/A
14751	QUIZ	450	4	TH, TH	195	N/L
	LAB	450	2-5	TH	101	C/A
14769	QUIZ	460	1	TU, TH	101	E/C
	LAB	460	2-5	TH	101	C/A
14777	QUIZ	470	4	M, W	199	E/C
	LAB	470	9-12	M	101	C/A
14785	QUIZ	480	1	TU, TH	164	N/L
	LAB	480	9-11	F	101	C/A
14788	QUIZ	490	11	TU, TH	152	C/A
	LAB	490	9-11	F	101	C/A
14797	QUIZ	500	1	TU, TH	149	E/C
	LAB	500	2-5	F	101	C/A
14815	QUIZ	510	10	TU, TH	161	N/L
	LAB	510	1-4	TU	1	C/A
14831	QUIZ	520	2	TH, TH	162	N/L
	LAB	520	8-11	M	1	C/A
14840	QUIZ	530	1	TU, TH	162	N/L
	LAB	530	9-12	TH	101	C/A
14858	QUIZ	540	1	TU, TH	164	N/L
	LAB	540	9-11	TH	101	C/A
14868	QUIZ	550	1	TU, TH	164	N/L
	LAB	550	9-12	TH	101	C/A
14874	QUIZ	560	5	TU, TH	163	E/C
	LAB	560	9-12	TU	101	C/A

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14882	QUIZ	570	1	TU TH	300	N L
	LAB	570	9-12	TU	201	C A
14884	QUIZ	580	3	M W	116	E C
	LAB	580	9-12	TU	201	C A
14886	QUIZ	590	2	TU TH	116	E C
	LAB	590	2-5	W	101	C A
14888	QUIZ	600	2	TU TH	199	E C
	LAB	600	2-5	W	201	C A
14890	QUIZ	610	11	TU TH	111	N L
	LAB	610	2-5	W	201	C A
14939	QUIZ	620	3	TU TH	111	N L
	LAB	620	9-12	TH	201	C A
14947	QUIZ	630	3	TU TH	217	N L
	LAB	630	9-12	TH	201	C A
14955	QUIZ	640	11	TU TH	162	N L
	LAB	640	2-5	TH	101	C A
14963	QUIZ	650	2	TU TH	164	N L
	LAB	650	9-12	W F	101	C A
14965	QUIZ	660	2	W F	162	N L
	LAB	660	8-11	M W F	1	C A
14967	QUIZ	670	2	W F	162	N L
	LAB	670	2-5	M W F	201	C A
14969	QUIZ	680	3	W F	161	N L
	LAB	680	2-5	M W F	201	C A
14971	QUIZ	690	3	W F	162	N L
	LAB	690	2-5	M W F	201	C A
14973	QUIZ	700	3	W F	162	N L
	LAB	700	1-4	M W F	101	C A
14975	QUIZ	710	1	W F	162	N L
	LAB	710	1-4	M W F	101	C A
14977	QUIZ	720	2	W F	103	N L
	LAB	720	9-12	W	201	C A
14979	QUIZ	730	1	W F	164	N L
	LAB	730	8-11	M W F	101	C A
14981	QUIZ	740	2	W F	163	E C
	LAB	740	9-12	M W F	1	C A
14983	QUIZ	750	2	W F	116	E C
	LAB	750	2-5	M W F	201	C A
14985	QUIZ	760	2	W F	111	N L
	LAB	760	1-4	W F	1	C A
14987	QUIZ	770	2	W F	111	N L
	LAB	770	1-4	M W F	1	C A
14989	QUIZ	780	10	M W	199	E C
	LAB	780	2-5	W	101	C A
14991	QUIZ	790	3	TU TH	161	N L
	LAB	790	9-12	W	101	C A
14993	QUIZ	800	3	M W	103	N L
	LAB	800	9-12	W	201	C A
14995	QUIZ	810	3	M W	161	N L
	LAB	810	9-12	W	201	C A
14997	QUIZ	820	3	M W	116	E C
	LAB	820	2-5	W F	101	C A
14999	QUIZ	830	2-5	TH	101	C A
	LAB	830	1	W F	300	N L
14591	QUIZ	840	2-5	TH	201	C A
14593	QUIZ	850	11	M W	164	N L
	LAB	850	9-12	W F	101	C A
14611	QUIZ	860	1	W F	115	E C
	LAB	860	9-12	W	101	C A
14613	QUIZ	870	10	M W	116	E C
	LAB	870	2-5	W	201	C A
14615	QUIZ	880	11	M W	161	N L
	LAB	880	2-5	W	201	C A
14617	QUIZ	890	3	W F	101	C A
	LAB	890	2-5	TH	101	C A
14619	QUIZ	900	1	M W	161	N L
	LAB	900	9-12	W F	101	C A
14661	QUIZ	910	2	M W	111	N L
	LAB	910	2-5	W F	201	C A

1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

$\sigma_{\text{max}} = \frac{M}{I} y_{\text{max}} = \frac{1000 \times 10^6}{178 \times 10^9} \times 100 = 56.2 \text{ MPa}$

STUDENTS WITH AWAARD OF ACADEMIC MERIT IN CHEMISTRY, MAY WITH
THE AWARD OF A FELLOWSHIP, TAKE THE FELLOWSHIP PART OF THIS
COURSE FOR 2 YEARS (COURSE MAY NOT EXCEED MORE THAN 5 YEARS
TOTAL) FOR THE DEGREE OF B.S.

• 1998 •

$$[\text{H}(\text{OAc})] = 5.1 \times 10^{-3} \text{ M}, [\text{AcOH}] = 5.8 \times 10^{-2} \text{ M}, [\text{H}^+] = 1.0 \times 10^{-3} \text{ M}, [\text{NaOH}] = 0.001 \text{ M}, [\text{H}_2\text{O}] = 55.5 \text{ M}$$

Year	Age	Sex	Height (cm)	Weight (kg)	Arm span (cm)	Hand span (cm)	Hand width (cm)	Hand length (cm)	Hand area (cm ²)	Hand volume (cm ³)	Hand mass (g)	Hand density (g/cm ³)
1997	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
1998	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
1999	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2000	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2001	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2002	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2003	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2004	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2005	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2006	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2007	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2008	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2009	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2010	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2011	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2012	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2013	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2014	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2015	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2016	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2017	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2018	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2019	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0
2020	201.2	M	171	61.8	171	19	9	10	90	100	100	1.0

162 ELEMENTARY QUANTITATIVE ANALYSIS.

11. M. J. ALLEN, *Chem. Soc. Rev.*, **1973**, 1.

DISITE: CHEM. 199.

Abstract

STUDENTS ARE REQUIRED TO TAKE THE FULL ONE SEMESTER IN

1911	1911	11	11	11	11	E C
1912	1912	11	11	11	11	E C
1913	1913	11	11	11	11	E C
1914	1914	11	11	11	11	E C
1915	1915	11	11	11	11	E C
1916	1916	11	11	11	11	E C
1917	1917	11	11	11	11	E C
1918	1918	11	11	11	11	E C
1919	1919	11	11	11	11	E C
1920	1920	11	11	11	11	E C
1921	1921	11	11	11	11	E C
1922	1922	11	11	11	11	E C
1923	1923	11	11	11	11	E C
1924	1924	11	11	11	11	E C
1925	1925	11	11	11	11	E C
1926	1926	11	11	11	11	E C
1927	1927	11	11	11	11	E C
1928	1928	11	11	11	11	E C
1929	1929	11	11	11	11	E C
1930	1930	11	11	11	11	E C
1931	1931	11	11	11	11	E C
1932	1932	11	11	11	11	E C
1933	1933	11	11	11	11	E C
1934	1934	11	11	11	11	E C
1935	1935	11	11	11	11	E C
1936	1936	11	11	11	11	E C
1937	1937	11	11	11	11	E C
1938	1938	11	11	11	11	E C
1939	1939	11	11	11	11	E C
1940	1940	11	11	11	11	E C
1941	1941	11	11	11	11	E C
1942	1942	11	11	11	11	E C
1943	1943	11	11	11	11	E C
1944	1944	11	11	11	11	E C
1945	1945	11	11	11	11	E C
1946	1946	11	11	11	11	E C
1947	1947	11	11	11	11	E C
1948	1948	11	11	11	11	E C
1949	1949	11	11	11	11	E C
1950	1950	11	11	11	11	E C
1951	1951	11	11	11	11	E C
1952	1952	11	11	11	11	E C
1953	1953	11	11	11	11	E C
1954	1954	11	11	11	11	E C
1955	1955	11	11	11	11	E C
1956	1956	11	11	11	11	E C
1957	1957	11	11	11	11	E C
1958	1958	11	11	11	11	E C
1959	1959	11	11	11	11	E C
1960	1960	11	11	11	11	E C
1961	1961	11	11	11	11	E C
1962	1962	11	11	11	11	E C
1963	1963	11	11	11	11	E C
1964	1964	11	11	11	11	E C
1965	1965	11	11	11	11	E C

Table 2. *Continued*

1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 26

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18179	18180	18181	18182	18183	18184	18185	18186	18187	18188	18189	18190	18191	18192	18193	18194	18195	18196	18197	18198	18199	18200	18201	18202	18203	18204	18205	18206	18207	18208	18209	18210	18211	18212	18213	18214	18215	18216	18217	18218	18219	18220	18221	18222	18223	18224	18225	18226	18227	18228	18229	18230	18231	18232	18233	18234	18235	18236	18237	18238	18239	18240	18241	18242	18243	18244	18245	18246	18247	18248	18249	18250	18251	18252	18253	18254	18255	18256	18257	18258	18259	18260	18261	18262	18263	18264	18265	18266	18267	18268	18269	18270	18271	18272	18273	18274	18275	18276	18277	18278	18279	18280	18281	18282	18283	18284	18285	18286	18287	18288	18289	18290	18291	18292	18293	18294	18295	18296	18297	18298	18299	18300	18301	18302	18303	18304	18305	18306	18307	18308	18309	18310	18311	18312	18313	18314	18315	18316	18317	18318	18319	18320	18321	18322	18323	18324	18325	18326	18327	18328	18329	18330	18331	18332	18333	18334	18335	18336	18337	18338	18339	18340	18341	18342	18343	18344	18345	18346	18347	18348	18349	18350	18351	18352	18353	18354	18355	18356	18357	18358	18359	18360	18361	18362	18363	18364	18365	18366	18367	18368	18369	18370	18371	18372	18373	18374	18375	18376	18377	18378	18379	18380	18381	18382	18383	18384	18385	18386	18387	18388	18389	18390	18391	18392	18393	18394	18395	18396	18397	18398	18399	18400	18401	18402	18403	18404	18405	18406	18407	18408	18409	18410	18411	18412	18413	18414	18415	18416	18417	18418	18419	18420	18421	18422	18423	18424	18425	18426	18427	18428	18429	18430	18431	18432	18433	18434	18435	18436	18437	18438	18439	18440	18441	18442	18443	18444	18445	18446	18447	18448	18449	18450	18451	18452	18453	18454	18455	18456	18457	18458	18459	18460	18461	18462	18463	18464	18465	18466	18467	18468	18469	18470	18471	18472	18473	18474	18475	18476	18477	18478	18479	18480	18481	18482	18483	18484	18485	18486	18487	18488	18489	18490	18491	18492	18493	18494	18495	18496	18497	18498	18499	18500	18501	18502	18503	18504	18505	18506	18507	18508	18509	18510	18511	18512	18513	18514	18515	18516	18517	18518	18519	18520	18521	18522	18523	18524	18525	18526	18527	18528	18529	18530	18531	18532	18533	18534	18535	18536	18537	18538	18539	18540	18541	18542	18543	18544	18545	18546	18547	18548	18549	18550
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[illegible]

where μ_1, μ_2, μ_3 are the eigenvalues of \mathbf{A} and \mathbf{A}^T is the transpose of \mathbf{A} . Then

1. PATIENTS MAY NOT RECEIVE

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STUDENTS ENROLLING IN COLLEGE MUST TAKE LAB. A.

15147	QUIZ	A1	4	M	217	N L
15148	QUIZ	A1	4	M	217	N L
15209	QUIZ	A1	4	TU	217	N L
15117	LAB	A	1-5		467	N L
15028	LAB	A	1-5		467	N L
15233	LAR	C	1		467	N L
15241	LAR	C	4-11	TU	467	N L
15183	LAB	F	8-12	TH	467	N L

JHEM 122 KASLO ORGANIC CHEMISTRY.

DATA SITES: CONCURRENT REGISTRATION IN CIRM, 101; CHSM 108 IN 10, AN. MATR. 130 OR 131.

* CITIZENS MAY NOT REFUSE TO BE HELD FOR A. 136 AND 131.

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1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743

CHEM 181 STRUCTURE AND SYNTHESIS.
 PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 136; CHEM. 108 OR 122, AND MATH. 130 OR 131.
 *STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 181 AND 134.
 *2 HOURS

LAB A AND D STUDENTS MUST REGISTER FOR QUIZ A1.
 LAB B AND C STUDENTS MUST REGISTER FOR QUIZ B1.

15276	QUIZ	A1	2	TO	217	N L	BEAK
15326	QUIZ	B1	2	M	217	N L	
15284	LAB	A	3-12	TH	250	N L	
15314	LAB	B	8-12	TU	250	N L	
15322	LAB	C	1-5	TU	250	N L	
15292	LAB	D	1-5	TH	250	N L	

CHEM 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

15331	CONF	ARR	STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

CHEM 295 THESIS.

*A MAXIMUM OF TEN HOURS MAY BE CREDITED TOWARDS GRADUATION AND A THESIS MUST BE PRESENTED FOR CREDIT TO BE RECEIVED.

*2 TO 6 HOURS

15444	CONF	APP	STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CHEM 315 INORGANIC CHEMISTRY.

PREREQUISITE: CREDIT OR REGISTRATION IN PHYSICAL CHEMISTRY.

3 HOURS OR 3/4 UNIT

15357	LECT	11	M W F	153	E C	BEATTIE
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CHEM 316 INORGANIC CHEMISTRY LABORATORY.

PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 315, OR CREDIT OR REGISTRATION IN CHEM. 315, OR EQUIVALENT.

3 HOURS OR 3/4 UNIT

*ADDITIONAL HOURS TO BE ARRANGED.

15355	DISC	1	TH	161	N L	HARFIELD
15473	LAB	A	*2-5	W	212	C A
15381	LAB	B	*2-5	TH	212	C A

CHEM 321 INSTRUMENTAL ANALYSIS.

PREREQUISITE: CHEM. 340 OR 342, AND ARR.

3 HOURS OR 3/4 UNIT

15420	LECT-DISC	2	M W	193	E C	JANAS
15403	LAB	A	1-5	M <td>176</td> <td>E C </td>	176	E C
15411	LAB	B	1-5	TO <td>176</td> <td>E C </td>	176	E C

CHEM 325 APPLIED ELECTRONICS FOR SCIENTISTS.

PREREQUISITE: SENIOR OR GRADUATE STANDING IN ANY OF THE PHYSICAL SCIENCES OR ENGINEERING OR EQUIVALENT INSTRUCTION.

4 HOURS OR 1 UNIT

15470	LECT	2	TH TH	115	E C	MAIMSTADT
15488	LAB	A	1-5	W	75	E C
15486	LAB	B	1-5	TH	75	E C

CHEM 334 ORGANIC CHEMISTRY.

PREREQUISITE: CHEM. 181 AND 184 OR CHEM. 186 AND 181.

3 HOURS OR 3/4 UNIT

*LECTURE A FOR STUDENTS WITH A SPECIAL INTEREST IN THE BIOLOGICAL SCIENCES.

15482	LECT	*A	2	M W F	100	M M H	LEONARD
15484 <th>LECT</th> <th>B</th> <th>2</th> <th>M W F</th> <th>116</th> <th>E C</th> <th>BEAK</th>	LECT	B	2	M W F	116	E C	BEAK

CHEM 337 ORGANIC CHEMISTRY.

PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 334.

2 HOURS OR 1/2 UNIT

15471	DISC	1	TU	161	N L	CURTIN
15489	LAB	A	2-5	TU	218	N L
		A	1-4	TH	218	N L
15497	LAB	B	10-12	TU	218	N L
		B	2-12	TH	218	N L

CHEM 338	SEPARATION, PURIFICATION AND IDENTIFICATION OF ORGANIC COMPOUNDS. PREREQUISITES: CHEM. 336 AND 337. 4 HOURS OR 1 UNIT									
19581	DISC LAB	1 2-5	M M	W W		164 118	N N	L L	KATZENELBOGEN	
CHEM 342	PHYSICAL CHEMISTRY. PREREQUISITES: CHEM. 109, 123, 133, OR EQUIVALENT; PHYS. 106, 107, AND 108, OR TWO SEMESTERS OF GENERAL PHYSICS WITH CONCURRENT REGISTRATION IN THE THIRD SEMESTER; CREDIT OR REGISTRATION IN MATH. 180 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT									
19515	LECT	1		M	W	F	161	N	L	LOMBARDI
CHEM 344	PHYSICAL CHEMISTRY. PREREQUISITES: CHEM. 342. 3 HOURS OR 3/4 UNIT									
19577	LECT	1		M	W	F	112	C	A	FEIPEL
CHEM 346	PHYSICAL CHEMISTRY OF MACROMOLECULES. PREREQUISITES: CHEM. 344 OR 342. 3 HOURS OR 3/4 UNIT									
19519	LECT	1		M	W	F	162	N	L	WETMUR
CHEM 348	ADVANCED PHYSICAL CHEMISTRY. PREREQUISITES: CHEM. 346 OR EQUIVALENT. 3 HOURS OR 1 UNIT									
19563	LECT	1		M	W	F	152	C	A	MELFORD
CHEM 349	ADVANCED PHYSICAL CHEMISTRY. PREREQUISITES: CHEM. 348. 3 HOURS OR 1 UNIT									
19581	LECT	1		M	W	F	112	C	A	FLYGARE
CHEM 352	DYNAMICS, STRUCTURE AND PHYSICAL METHODS. TO BE TAKEN CONCURRENTLY WITH CHEM. 349. PREREQUISITES: CHEM. 346 AND 348 AND CREDIT OR REGISTRATION IN PHYS. 108 AND MATH. 180. 3 HOURS OR 1 1/2 UNIT *GIFT A STUDENT SHOULD REGISTER FOR LAB 352 WITH 8 STUDENTS SHOULD REGISTER FOR LAB 351 OR 351.									
19565	QUIZ	•A	10		TH		162	N	L	
19566	QUIZ	•B	10		TU		162	N	L	
19578	LAB	•A1	8-10		TU		176	E	C	
19569	LAB	•B1	8-10		TH		176	E	C	
19568	LAB	•C1	1-5		F		176	E	C	
CHEM 355	CHEMICAL FUNDAMENTALS. TO BE TAKEN CONCURRENTLY WITH CHEM. 349. PREREQUISITES: CHEM. 342 AND 343. 3 HOURS OR 1 UNIT STUDENTS MUST REGISTER IN THE QUIZ-LAB COMBINATION.									
19516	QUIZ	A	2		F		161	N	L	YARDEY
	LAB	A	1-5	M	W		124	N	L	
19579	QUIZ	B	2	M			195	N	L	
	LAB	B	1-5		TU	TH	124	N	L	
19582	QUIZ	C	2		TH		161	N	L	
	LAB	C	8-12		TU	TH	124	N	L	
CHEM 395	HISTORY OF SCIENCE WITH PARTICULAR REFERENCE TO CHEMISTRY. PREREQUISITES: TWENTY HOURS OF LABORATORY SCIENCE. 2 HOURS OR 1/2 UNIT									
19541	LECT	11		TU	TH		231	N	H	B
CHEM 397	RADIOCHEMISTRY. SAME AS NUC. 5. 397. PREREQUISITES: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT									
19559	LECT	10		TU	TH	S	111	N	L	HUMMEL

COURSES FOR GRADUATES

CHEM	404	ADVANCED INORGANIC CHEMISTRY LABORATORY. PREREQUISITE: CREDIT OR REGISTRATION IN A 400 LEVEL LECTURE COURSE IN INORGANIC CHEMISTRY. 1/4 OR 3/4 UNIT *ADDITIONAL HOURS TO BE ARRANGED.								
	15667	LAB	A	*2-5	W	212	C A		STUCKY	
	15675	LAB	B	*2-5	TH	212	C A			
CHEM	405	INORGANIC CHEMISTRY SEMINAR. REQUIRED OF ALL GRADUATE STUDENTS MAJORING IN INORGANIC CHEMISTRY. 1/4 UNIT								
	15683	LECT-DISC	4		TU	112	C A			
CHEM	408	THE CHEMISTRY OF COMPLEX INORGANIC COMPOUNDS. PREREQUISITE: CHEM. 315. 1 UNIT								
	15691	LECT-DISC	1		M W F	193	E C		BAILAR	
CHEM	422	ELECTRICAL METHODS OF CHEMICAL ANALYSIS. PREREQUISITE: CHEM. 344 OR EQUIVALENT. 1 UNIT								
	15705	LECT LAB	11 ARR		TU TH S	199	E C		LAITINEN	
CHEM	423	ELECTRON MICROSCOPY. SAME AS BIOL. 423. OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS. PREREQUISITE: A COURSE IN MODERN PHYSICS OR PHYSICAL CHEMISTRY (HAVING CALCULUS AS A PREREQUISITE), AFFORDING AN INTRODUCTION TO WAVE MECHANICS, AND CONSENT OF INSTRUCTOR. 1/2 UNIT								
	15713	LECT	4		TU TH	242	BEV HALL		HALL	
CHEM	425	ANALYTICAL CHEMISTRY SEMINAR. REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS ANALYTICAL CHEMISTRY. 1/4 UNIT								
	15721	LECT-DISC	3		F	171	E C		LAITINEN	
CHEM	429	ELECTRON MICROSCOPY WITH LABORATORY. SAME AS BIOL. 429. OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS. PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR. 1 UNIT								
	15730	LECT	4		M W	242	BEV HALL		HALL	
		LAB-DISC	4		F	242	BEV HALL			
		LAB	ARR			97	BEV HALL			
CHEM	432	ORGANIC CHEMISTRY. PREREQUISITE: CHEM. 431 OR 336. 1 UNIT								
	15748	LECT	11		M W F	217	N L		COATES	
CHEM	433	ORGANIC CHEMISTRY. PREREQUISITE: CHEM. 431 AND 432, ONE OF WHICH MAY BE TAKEN CONCURRENTLY. *CHEM. 433 MAY BE REPEATED FOR CREDIT. *3/4 UNIT REQUIRES 2 LECTURES PER WEEK. *1/2 OR 3/4 UNIT								
	15756	LECT	11		TU TH	116	E C		MARTIN	
CHEM	434	ADVANCED ORGANIC SYNTHESIS. 1/4 TO 1 UNIT								
	15764	LAB	ARR			218	N L		CURTIN	
CHEM	435	ORGANIC CHEMISTRY SEMINAR. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT								
	15772	LECT-DISC	4		M TH	116	E C		RINEHART	

CHEM	436	EXPERIMENTAL ORGANIC CHEMISTRY.					
		PREREQUISITE: CONSENT OF INSTRUCTOR.					
		1/4 UNIT					
	15781	LECT	11	S	116	E C	FORD
CHEM	442	STATISTICAL THERMODYNAMICS.					
		PREREQUISITE: CHEM. 441 AND 446 OR CONSENT OF INSTRUCTOR.					
		1 UNIT					
	15799	LECT	10	M	W	F 101	E C CHANDLER
CHEM	443	QUANTUM DYNAMICS.					
		PREREQUISITE: REGISTRATION IN CHEM. 349 OR CONSENT OF INSTRUCTOR.					
		1 UNIT					
	15802	LECT	9	M	W	F 101	E C MARCUS
CHEM	445	PHYSICAL CHEMISTRY SEMINAR.					
		REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS PHYSICAL CHEMISTRY.					
		PREREQUISITE: CONSENT OF INSTRUCTOR.					
		1/4 OR 1/2 UNIT					
	15811	LECT-DISC	330-5	W		112	C A PAUL
CHEM	490	SPECIAL TOPICS IN CHEMISTRY.					
		PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT.					
		1/4 TO 4 UNITS					
	15829	CONF	ARR				STAFF
CHEM	493	ADVANCED ELECTRON MICROSCOPY.					
		SAME AS BIOL. 493.					
		OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.					
		PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.					
		1/4 TO 1/2 UNIT					
	15837	LAB-DISC	ARR		97	BEV HALL	HALL
CHEM	496	THE USE OF CARBON-14 IN LABELING TECHNIQUES.					
		SAME AS AN. S. 496.					
		PREREQUISITE: CHEM. 336, 337 AND 333 OR EQUIVALENT, CONSENT OF INSTRUCTOR.					
		3/4 OR 1 UNIT					
	15845	LECT	11	TU TH	217	N L	NYSTROM
	15853	LAB	A 1-5	TU	163	D H	
	15861	LAB	C 1-5	W	163	D H	
	15870	LAB	D 1-5	TH	163	D H	
	15888	LAB	E 1-5	F	163	D H	
CHEM	499	THESIS RESEARCH.					
		0 TO 4 UNITS					
	15896	CONF	APP				STAFF

CHINESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

CHIN 202 ELEMENTARY CHINESE, II.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
WEEKLY IN THE LANGUAGE LABORATORY.
PREREQUISITE: CHIN. 201.

5 HOURS

OPEN TO FRESHMEN.

15900	LECT-DISC	A	1	MTUWTHF	8	COM W	CHANG
15918	LECT-DISC	B	1	MTUWTHF	91	COM W	
15926	LECT-DISC	C	1	MTUWTHF	96	COM W	

CHIN 204 INTERMEDIATE CHINESE, II.

PREREQUISITE: CHIN. 203 OR EQUIVALENT.

5 HOURS

15934	LECT-DISC		4	MTUWTHF	311	D H	MAC DONALD AND LI
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CHIN 206 MODERN CHINESE LITERATURE IN TRANSLATION.

NO KNOWLEDGE OF CHINESE REQUIRED.

3 HOURS

OPEN TO FRESHMEN.

15942	LECT-DISC		9-1030	M W	217	G H	MAC DONALD
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CHIN 302 INTENSIVE CHINESE, II.

PREREQUISITE: CHIN. 301.

10 HOURS OR 2 UNITS

OPEN TO FRESHMEN.

ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND SECTION 2.

15951	LECT-DISC	1	2-4	MTUWTHF	204	N L	CHANG
15969	LECT-DISC	2	2-4	MTUWTHF	204	N L	CHANG

CHIN 304 ADVANCED CHINESE, II.

PREREQUISITE: CHIN. 303.

5 HOURS OR 1 UNIT

15977	LECT-DISC		9	M W	113	1208 W CAL	CHANG
			9-1030	TU TH		1208 W CAL	WOLFF

CHIN 306 ADVANCED READINGS IN MODERN CHINESE, II.

PREREQUISITE: CHIN. 305 OR EQUIVALENT.

3 HOURS OR 1 UNIT

15985	LECT-DISC		ARR				CHENG
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CHIN 308 READINGS IN LITERARY CHINESE.

3 HOURS OR 1 UNIT

15993	LECT-DISC		11	M W F	94	COM W	EIDE
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CHIN 310 MODERN CHINESE LITERATURE.

PREREQUISITE: CHIN. 306.

3 HOURS OR 1 UNIT

16000	LECT-DISC		ARR				MAC DONALD
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CIVIL ENGINEERING

DEPARTMENT OFFICE

1114 C E B

COURSES FOR UNDERGRADUATES

C E	195	INTRODUCTION TO CIVIL ENGINEERING.					
		PREREQUISITE: SOPHOMORE STANDING IN CIVIL ENGINEERING.					
		1 HOUR					
	16018	CONF	H1	4	M	421	E H
	16026	CONF	H2	4	M	324	E H
	16034	CONF	H3	4	W	421	E H
	16042	CONF	H4	4	W	324	E H
	16051	CONF	P1	11	TU	421	E H
	16069	CONF	P2	11	TH	421	E H

COURSES FOR ADVANCED UNDERGRADUATES

C E	201	ENGINEERING SURVEYING.					
		PREREQUISITE: C. E. 293 AND CREDIT OF REGISTRATION IN C. S. 101.					
		4 HOURS					
		STUDENTS SHOULD REGISTER FOR THE LECTURE PLUS ONE LAB-DISC PERIOD.					
	16077	LECT		3	M W F	305	E H
	16085	LAB-DISC	L1	9-12	TH	104	WOODSHOP
	16093	LAB-DISC	S1	2-5	TU	104	WOODSHOP
C E	202	THEORY OF MEASUREMENT.					
		PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.					
		3 HOURS					
	16107	LECT-DISC		8	TU TH	212	WOODSHOP
		LAB-DISC		9-12	TU	212	WOODSHOP
C E	204	TERRESTRIAL AND INDUSTRIAL PHOTOGRAMMETRY.					
		PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.					
		3 HOURS					
	16115	LECT-DISC		1	TU TH	212	WOODSHOP
		LAB-DISC		2-5	TH	212	WOODSHOP
C E	205	CONSTRUCTION AND ROUTE SURVEYING.					
		PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.					
		3 HOURS					
	16123	LECT-DISC		2	M F	212	WOODSHOP
		LAB-DISC		2-5	W	212	WOODSHOP
C E	214	PROPERTIES AND BEHAVIOR OF CONCRETE.					
		PREREQUISITE: T. A. M. 223 OR 224 AND JUNIOR STANDING IN ENGINEERING OR ARCHITECTURE.					
		2 HOURS					
		SECTION EN IS AN HONORS SECTION.					
	16141	LECT-DISC	L	8	TH	1215	C E B
		LAB-DISC	L	9-10	TU	1215	C E B
	16158	LECT-DISC	EN	11	TU	1215	C E B
		LAB-DISC	EN	10-12	TH	1215	C E B
	16140	LECT-DISC	R	1	TU	1215	C E B
		LAB-DISC	R	1-3	TH	1215	C E B
C E	216	CONSTRUCTION ENGINEERING.					
		PREREQUISITE: C. E. 292, AND CREDIT OR REGISTRATION IN C.S. 101 AND AND C. E. 293.					
		3 HOURS					
	16166	LECT-DISC	C	10	M W F	324	E H
	16174	LECT-DISC	F	2	M W F	419	E H
C E	220	MATERIALS FOR TRANSPORTATION FACILITIES.					
		PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 280, OR CONSENT OF INSTRUCTOR.					
		3 HOURS					
	16182	LECT-DISC	C	10	M W F	200	T L
	16191	LECT-DISC	D	11	M W F	200	T L

C. E.	221	ANALYSIS AND DESIGN OF ROADWAYS. PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 280, OR CONSENT OF INSTRUCTOR. 3 HOURS	16206	LECT-DISC A	9	M W F	200	T L
C. E.	230	INTRODUCTION TO TRANSPORTATION ENGINEERING. PREREQUISITE: JUNIOR STANDING IN ENGINEERING, ARCHITECTURE OR CITY PLANNING, OR CONSENT OF INSTRUCTOR. 3 HOURS	16212	LECT-DISC B	9	M W F	320	E H
			16221	LECT-DISC E	1	M W F	305	E H
C. E.	231	INTRODUCTION TO TRANSPORTATION SYSTEMS. PREREQUISITE: C. S. 101, C. E. 292, C. E. 293 AND C. E. 230; OR CONSENT OF INSTRUCTOR. 3 HOURS	16239	LECT-DISC C	10	M W F	320	E H
C. E.	240	CONTROL OF THE URBAN ENVIRONMENT. PREREQUISITE: JUNIOR STANDING. 3 HOURS	16247	LECT-DISC D	11	M W F	419	E H
C. E.	241	WATER QUALITY AND WATER POLLUTION. PREREQUISITE: T. A. M. 235. 3 HOURS	16255	LECT-DISC C	10	M W F	420	E H
			16263	LECT-DISC F	2	M W F	420	E H
C. E.	242	SANITARY ENGINEERING PROCESSES. PREREQUISITE: T. A. M. 235 AND CREDIT OR REGISTRATION IN C. E. 241. 3 HOURS	16271	LECT-DISC E	1	M W F	423	E H
C. E.	255	INTRODUCTION TO HYDROSYSTEMS ENGINEERING. PREREQUISITE: T. A. M. 235 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN C. E. 292 AND 293 OR EQUIVALENT. 3 HOURS	16280	LECT-DISC A	9	M W F	420	E H
			16298	LECT-DISC D	11	M W F	420	E H
C. E.	261	FUNDAMENTALS OF STRUCTURAL ENGINEERING. PREREQUISITE: T. A. M. 221. 3 HOURS	16301	LECT-DISC A	8	M W F	423	E H
		SECTION EE IS AN HONORS SECTION.	16310	LECT-DISC B	9	M W F	324	E H
			16320	LECT-DISC EE	1	M W F	324	E H
			16328	LECT-DISC LM	8-920	TU TH	324	E H
C. E.	262	STRUCTURAL THEORY, II. PREREQUISITE: C. E. 261. 3 HOURS	16344	LECT-DISC B	9	M W F	420	E H
			16352	LECT-DISC RS	1-220	TU TH	420	E H
C. E.	263	BEHAVIOR AND DESIGN OF METAL STRUCTURES, I. PREREQUISITE: T. A. M. 224 AND C. E. 261, OR CONSENT OF INSTRUCTOR. 3 HOURS	16361	LECT-DISC G	11	M W F	320	E H
			16379	LECT-DISC G	3	M W F	421	E H
C. E.	264	REINFORCED CONCRETE DESIGN, I. PREREQUISITE: C. E. 214, C. E. 261, T. A. M. 224. 3 HOURS	16387	LECT-DISC A	#8	M W F	419	E H
		NOTE: TWO TWO-HOUR DEMONSTRATION LABORATORIES TO BE ARRANGED.	16395	LECT-DISC E	#1	M W F	421	E H
			16409	LECT-DISC F	#2	M W F	423	E H

C F 280 FOUNDATION ENGINEERING.
 PREREQUISITE: T. A. M. 221.
 3 HOURS
 SECTION 6F IS AN HONORS SECTION.
 16417 LECT-DISC C 10 M W F 8222 C E B
 16433 LECT-DISC 6F 2 M W F 8222 C E B
 16425 LECT-DISC MN 930-11 TU TH 8222 C E B

C F 290 CONTRACTS AND SPECIFICATIONS.
 SAME AS G. E. 290.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.
 *CREDIT IS NOT GIVEN FOR C. E. 290 IN ADDITION TO G. E. 292
 *2 HOURS
 16441 LECT-DISC L 8 TU TH 305 E H
 16450 LECT-DISC P 11 TU TH 305 E H

C E 292 DESIGN AND PLANNING OF CIVIL ENGINEERING SYSTEMS.
 PREREQUISITE: INTEGRAL CALCULUS.
 3 HOURS
 16468 LECT-DISC A 8 M W F 322 E H
 16476 LECT-DISC B 9 M W F 305 E H
 16492 LECT-DISC 6G 3 M W F 420 E H
 16484 LECT-DISC MN 930-11 TU TH 421 E H

C E 293 STOCHASTIC CONCEPTS IN CIVIL ENGINEERING.
 PREREQUISITE: INTEGRAL CALCULUS.
 3 HOURS
 16506 LECT-DISC A 8 M W F 421 E H
 16531 LECT-DISC 6C 10 M W F 423 E H
 16514 LECT-DISC F 2 M W F 305 E H
 16522 LECT-DISC PS 1-22C TU TH 320 E H

C E 295 PROFESSIONAL PRACTICE.
 PREREQUISITE: JUNIOR STANDING.
 0 CREDIT
 16549 LECT 4 W 151 E E B

C E 297 SPECIAL PROBLEMS.
 PREREQUISITE: SENIOR STANDING.
 1 TO 4 HOURS
 *SECTION 01 AND 02: OTHERS.
 *SECTION 03: BUILDING SYSTEMS.
 *SECTION 04: CONCRETE TECHNOLOGY.
 *SECTION H: CIVIL ENGINEERING HONORS.
 16557 CONF *01 ARR STAFF
 16565 CONF *02 ARR STAFF
 16573 LECT-DISC *BS 11 M W F 305 E H BOYER
 16581 LECT-DISC *CT 930-11 TU TH 423 E H HILSDORF
 16590 LECT-DISC *H ARR HENDRON ET AL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C E 305 OBSERVATIONAL ASTRONOMY.
 SAME AS ASTR. 314.
 PREREQUISITE: MATH. 142 OR 143; ASTR. 102 OR 210 OR C. E. 201.
 4 HOURS OR 1 UNIT
 *THREE HOURS OBSERVATIONAL WORK TO BE ARRANGED.
 16603 LECT *2 M W F 124 OBSERV KALER

C E 309 GEODETIC ENGINEERING.
 PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 TO 1 UNIT
 16611 LECT-DISC A 8 M W F 212 WOODSHOP

C E 314 FUNDAMENTALS OF SYSTEMS APPROACH.
 PREREQUISITE: C. E. 292, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 16620 LECT-DISC G 3 M W F 324 E H

C F 315 CONSTRUCTION PRODUCTIVITY.
 PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 16638 LECT-DISC C 10 M W F 419 E H

C E 314 CONSTRUCTION PLANNING.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
16545 LECT-DISC ST 230-4 TU TH 420 E H

C E 318 CONSTRUCTION COST ANALYSES AND ESTIMATES.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
16654 LECT-DISC RS 1-220 TU TH 324 E H

C E 325 HIGHWAY TRAFFIC CHARACTERISTICS.
PREREQUISITE: C. E. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT
16662 LECT-DISC D 11 M W F 324 E H

C E 334 AIRPORT DESIGN.
PREREQUISITE: C. E. 220 AND SENIOR STANDING IN CIVIL ENGINEERING,
OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
16671 LECT-DISC ST 230-4 TU TH 200 T L

C E 336 RAILWAY LOCATION AND OPERATION.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR, FOR THOSE
TAKING A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING, CREDIT OR
REGISTRATION IN C. E. 230.
3 HOURS, OR 1/2 OR 1 UNIT
16689 LECT-DISC F 1 M W F 322 E H

C E 338 TERMINALS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR, FOR THOSE
TAKING A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING, CREDIT OR
REGISTRATION IN C. E. 230.
3 HOURS, OR 1/2 OR 1 UNIT
16697 LECT-DISC P 11 TU TH 322 E H

C E 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., G. E., GEOG., M. E., U. P., AND V. M. S. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT
16701 LECT-DISC 3-5 W 218 M E B

C E 353 HYDRAULIC STRUCTURES.
PREREQUISITE: C. E. 256, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
16719 LECT-DISC C 10 M W F 322 E H

C E 356 HYDRAULICS OF SURFACE DRAINAGE.
PREREQUISITE: C. E. 256, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
16727 LECT-DISC MN 930-11 TU TH 324 E H

C E 361 ADVANCED STRUCTURAL ANALYSIS.
PREREQUISITE: C. E. 262 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT
16735 LECT-DISC MN 930-11 TU TH 320 E H

C E 363 BEHAVIOR AND DESIGN OF METAL STRUCTURES, II.
PREREQUISITE: C. E. 263 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
16743 LECT-DISC LM 8-920 TU TH 320 E H

C E 364 REINFORCED CONCRETE DESIGN, II.
PREREQUISITE: C. E. 264, CREDIT OR REGISTRATION IN C. E. 262.
3 HOURS, OR 3/4 OR 1 UNIT
16751 LECT-DISC C 10 M W F 305 E H

C E 365 DESIGN OF STRUCTURAL SYSTEMS.
PREREQUISITE: C. E. 263, OR C. E. 264, OR EQUIVALENT.
3 HOURS OR 1 UNIT
16760 LECT-DISC A 8 M W F 305 E H

C F 366 BEHAVIOR OF REINFORCED CONCRETE MEMBERS.
 PREREQUISITE: FOR UNDERGRADUATES, SENIOR STANDING AND C. E. 264;
 FOR GRADUATES, B. S. DEGREE IN CIVIL ENGINEERING OR ARCHITECTURE
 WITH COURSES IN STRUCTURES AND REINFORCED CONCRETE DESIGN.
 4 HOURS OR 1 UNIT
 NOTE: ALTHOUGH OPEN TO ADVANCED UNDERGRADUATES, THIS COURSE
 SHOULD BE TAKEN BY SUCH STUDENTS ONLY AFTER CONSULTATION WITH THE
 INSTRUCTOR.

16778 LECT-DISC D 11 M W F 322 E H

C F 368 PRESTRESSED CONCRETE.
 PREREQUISITE: C. E. 262, 264.
 3 HOURS, OR 3/4 OR 1 UNIT

16786 LECT-DISC G 3 M W F 320 E H

C E 369 BEHAVIOR AND DESIGN OF WOOD STRUCTURES.
 PREREQUISITE: C. E. 261 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

16794 LECT-DISC B 9 M W F 322 E H

C F 374 INTRODUCTION TO STRUCTURAL DYNAMICS.
 PREREQUISITE: T. A. M. 212; MATH. 345; C. E. 261; OR EQUIVALENT.
 *CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
 *3 HOURS, OR 3/4 OR 1 UNIT

16808 LECT-DISC F 2 M W F 421 E H

C F 383 SOIL MECHANICS.
 PREREQUISITE: C. E. 280, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

16816 LECT-DISC E 1 M W F B218 C E B

16824 LECT-DISC RS 1-220 TU TH B218 C E B

C F 384 APPLIED SOIL MECHANICS.
 PREREQUISITE: C. F. 383, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

16832 LECT-DISC E 1 M W F 320 E H

16941 LECT-DISC ST 230-4 TU TH 320 E H

C F 391 COMPUTER METHODS IN CIVIL ENGINEERING.
 PREREQUISITE: C. S. 101 OR EQUIVALENT; SENIOR OR GRADUATE STANDING
 IN CIVIL ENGINEERING; OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

16859 LECT-DISC B 9 M W F 419 E H

COURSES FOR GRADUATES

C F 404 ANALOGUE PHOTOGRAMMETRY, II.
 PREREQUISITE: C. E. 403 OR CONSENT OF INSTRUCTOR.
 1 UNIT

16867 LECT-DISC B 9 M W F 212 WOODSHOP KARARA

C E 405 ANALYTICAL AEROTRIANGULATION.
 PREREQUISITE: C. E. 304 OR CONSENT OF INSTRUCTOR.
 1 UNIT

16875 LECT-DISC D 11 M W F 212 WOODSHOP WONG

C E 417 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, II.
 SAME AS I. E. 417.
 PREREQUISITE: C. E. OR I. E. 416, CREDIT OR REGISTRATION IN
 MATH. 315, OR CONSENT OF INSTRUCTOR.
 1 UNIT

*SECTION CE FOR C. E. STUDENTS ONLY.

*SECTION LM FOR I. E. STUDENTS ONLY.

16883 LECT-DISC *CE 8-92C TU TH 322 E H WOODHEAD

16891 LECT-DISC *LM 8-92C TU TH 243 M E B DESSOUKY

C F 421 PAVEMENT DESIGN, II.
 PREREQUISITE: C. F. 220, OR EQUIVALENT.
 1 UNIT

16905 LECT-DISC C 10 M W F 212 WOODSHOP BARENBERG

C E	423	HIGHWAY MATERIALS STABILIZATION. PREREQUISITE: C. E. 320 OR CONSENT OF INSTRUCTOR. 1 UNIT	16913	LECT-DISC	B	9	M W F	200	T L	THOMPSON
C E	427	GEOMETRIC HIGHWAY DESIGN. PREREQUISITE: C. E. 325 AND 426 OR CONSENT OF INSTRUCTOR. 1 UNIT	16921	LECT-DISC LAB	EG EG	1 1-4	TU W	421 309	E H E H	WORTMAN
C F	428	TRAFFIC ENGINEERING OPERATIONS. PREREQUISITE: C. E. 325 AND 426 OR EQUIVALENT. 1 UNIT	16930	LECT-DISC LAB	PT PT	2 1-4	TU TH	421 421	E H E H	BAERWALD
C E	436	RAILROAD LOCATION AND OPERATION. PREREQUISITE: C. E. 336 OR CONSENT OF INSTRUCTOR. 1 UNIT	16946	LECT-DISC	G	3	TU TH	322	E H	HAY
C E	442	THEORY OF WASTE-WATER TREATMENT. PREREQUISITE: CHEM. 122, MICRO. 101, C. E. 346. 1 UNIT	16956	LECT-DISC	NP	10-12	TU TH	420	E H	OCONNOR
C F	443	ADVANCED SANITARY ENGINEERING LABORATORY. PREREQUISITE: C. E. 441, AND CREDIT OR REGISTRATION IN C. E. 442. 1 UNIT	16964	LAB-DISC	PM	1-5	TU TH	4206	C E B	OCONNOR
C F	444	INDUSTRIAL WATER AND WASTES TREATMENT. PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 440 AND 442, OR CONSENT OF INSTRUCTOR. 1 UNIT	16972	LECT-DISC	LM	8-10	TU TH	420	E H	ENGELBRECHT- OCONNOR
C F	446	DESIGN OF WATER AND WASTE TREATMENT PLANTS. PREREQUISITE: C. E. 440, CREDIT OR REGISTRATION IN C. E. 442, OR CONSENT OF INSTRUCTOR. 1 UNIT *1W) ADDITIONAL HOURS TO BE ARRANGED.	16981	LAB	EH EH	*1-3 *1-5	M F	309 309	E H E H	DICK
C F	447	RADIOACTIVE WASTE DISPOSAL. SAME AS NUC. E. 447. PREREQUISITE: PHYS. 282 OR CHEM. 398 OR NUC. E. 398 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	16999	LECT-DISC	B	9	M W F	421	E H	EWING
C E	449	ANALYSIS OF AIR POLLUTANTS. PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 448. 1/2 OR 1 UNIT	17005	LAB-DISC	AD	9-12	M F	4206	C E B	STUKEL
C F	452	WATER RESOURCES. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	17013	LECT-DISC	F	2	M W F	1518	H S L	CHOW
C E	458	OPEN CHANNEL HYDRAULICS. PREREQUISITE: A. S. DEGREE IN C. E. OR CONSENT OF INSTRUCTOR. 1 UNIT	17021	LECT-DISC	G	3	M W F	423	E H	WENZEL
C F	461	MATRIX FORMULATION OF STRUCTURAL ANALYSIS. PREREQUISITE: C. E. 361 OR EQUIVALENT. 1 UNIT	17030	LECT-DISC	A	8	M W F	320	E H	WRIGHT

C F	463	OPTIMIZATION OF STRUCTURES. PREREQUISITE: B. S. IN ENGINEERING WITH COURSES IN STRUCTURAL ANALYSIS AND DESIGN, OR CONSENT OF INSTRUCTOR. 1 UNIT	17049	LECT-DISC	C	10	M W F	421	E H	KHACHATURIAN
C E	465	STRUCTURAL DESIGN IN METALS. PREREQUISITE: B. S. IN ENGINEERING WITH COURSES IN STRUCTURES. 1 UNIT	17056	LECT-DISC	F	2	M W F	324	E H	GAYLORD
C F	469	THIN SHELL STRUCTURES. PREREQUISITE: C. E. 473 OR CONSENT OF INSTRUCTOR. 1 UNIT	17064	LECT-DISC	D	11	M W F	423	E H	SCHNOBRICH
C E	471	NUMERICAL AND APPROXIMATE METHODS OF STRUCTURAL ANALYSIS. 1 TO 2 UNITS	17072	LECT-DISC	E	1	M W F	420	E H	EUBANKS
C E	474	DYNAMICS OF FRAMED STRUCTURES. PREREQUISITE: C. E. 361, 374, OR EQUIVALENT. 1 TO 2 UNITS	17081	LECT-DISC	G	3	M W F	419	E H	AMIN
C E	476	PLASTIC ANALYSIS AND DESIGN. PREREQUISITE: C. E. 465 OR CONSENT OF INSTRUCTOR. 1 UNIT	17099	LECT-DISC	MN	930-11	TU TH	305	E H	GAYLORD
C F	479	DISCRETE METHODS OF SOLID AND STRUCTURAL MECHANICS. PREREQUISITE: C. E. 379, A. A. E. 326 OR T. A. M. 351 OR EQUIVALENT, AND REGISTRATION IN C. S. 400 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR. 1 UNIT	17102	LECT-DISC	PS	1-22C	TU TH	419	E H	SCHNOBRICH
C F	480	EARTH PRESSURES AND RETAINING STRUCTURES. PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 384. 1 UNIT	17111	LECT-DISC	F	2	M W F	320	E H	IRELAND
C E	483	ADVANCED SOIL MECHANICS, II. PREREQUISITE: C. E. 383. 1 UNIT	17129	LECT-DISC	F	10	M W F	8218	C E B	MESRI
				LAB	F	8-11	TH	8218	C E B	
C F	484	FOUNDATION ENGINEERING. PREREQUISITE: C. E. 384. 1 UNIT	17137	LECT-DISC	ST	230-4	TU TH	419	E H	PFCK
C E	485	SOIL ENGINEERING FOR TRANSPORTATION FACILITIES. PREREQUISITE: C. F. 383 OR EQUIVALENT. 1 UNIT	17145	LECT-DISC	D	11	M W F	421	E H	THORNBURN
C F	494	MUNICIPAL ADMINISTRATION AND ENGINEERING. PREREQUISITE: B. S. IN CIVIL ENGINEERING, OR CONSENT OF INSTRUCTOR. 1 UNIT	17153	LECT-DISC	A	8	M W F	324	E H	DANNER

C F 495 CIVIL AND SANITARY ENGINEERING SEMINAR.
 *COURSE MAY BE REPEATED FOR CREDIT.
 70 OR 1/4 UNIT
 SECTION AG--ADVANCED SANITARY ENGINEERING.
 SECTION G--SANITARY.
 SECTION P--PHOTOGRAMMETRY AND GEODESY.
 SECTION S--STRUCTURES.
 SECTION T--TRANSPORTATION.
 SECTION W--HYDRAULICS AND WATER RESOURCES.

17161	CONF	AG	ARR						
17170	CONF	G	3-5	M		1518	H S L	LELAND	
17184	CONF	P	10-12		TH	212	WOODSHOP	KARAKA	
17196	CONF	S	4		TH	305	E H	MUNSE	
17200	CONF	T	4	M		322	E H	DANNER	
17218	CONF	W	4		W	1518	H S L	YEN	

C F 497 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 4 UNITS
 THOSE SECTIONS TO BE ARRANGED WILL CONSIST OF TWO HOURS OF LECTURE AND SIX HOURS OF LAB PER WEEK.
 SECTION BS: BUILDING SYSTEMS - 1 UNIT.
 SECTION CC: CHEMISTRY OF CEMENTS - 1 UNIT.
 SECTION CT: CONCRETE TECHNOLOGY - 1 UNIT.
 SECTION E: ENGINEERING OCEANOGRAPHY - 1 UNIT.
 SECTION EP: CONTROL OF ENVIRONMENTAL PROBLEMS - 1/2 UNIT.
 SECTION F: SOLID WASTES MANAGEMENT - 1/2 OR 1 UNIT.
 SECTION R2: ROCK MECHANICS II - 1 UNIT.
 SECTION T: REMOTE SENSING OF ENVIRONMENT - 1/2 OR 1 UNIT.
 SECTIONS 01, 02, AND 03: OTHERS.

17226	LECT-DISC	BS	11	M	W	F	305	E H	BOYER
17234	LECT-DISC	CC	ARR						YOUNG
17242	LECT-DISC	CT	930-11		TU	TH	423	E H	HILSDORF
17251	LECT-DISC	E	1-220		TU	TH	305	E H	MURTHA
17269	LECT-DISC	EP	9		TU	TH	206	T B	PEARSON
17277	LECT-DISC	F	ARR						ENGELBRECHT
17285	LECT-DISC	R2	1-220		TU	TH	322	E H	DEERE
17293	LECT-DISC	T	3-5		W		8215	C E B	THORNBURN
17307	CONF	01	ARR						STAFF
17315	CONF	02	ARR						STAFF
17323	CONF	03	ARR						STAFF

C F 499 THESIS RESEARCH.
 0 TO 4 UNITS
 *SECTION M IS FOR MASTERS DEGREE, SECTION D IS FOR PH.D. DEGREE.
 17331 CONF *M ARR
 17340 CONF *D ARR

STAFF
 STAFF

CLASSICAL ARCHAEOLOGY

DEPARTMENT OFFICE

361 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CLARC 336 THE TOPOGRAPHY OF ROME.
 PREREQUISITE: CLARC. 332 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT

17358	LECT-DISC	A	1	M	W	F	409	L B	ALLEN
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CLASSICS

DEPARTMENT OFFICE

361 L H

SEE ALSO GREEK AND LATIN

CLASSICAL CIVILIZATION

NOTE: THE FOLLOWING COURSES PRESUPPOSE NO KNOWLEDGE OF THE GREEK OR LATIN LANGUAGE AND ARE OPEN TO ALL STUDENTS. FOR OTHER COURSES IN THE AREA OF CLASSICAL CIVILIZATION SEE ARCH. 113, ART 301, 302, 303, 304, 305, 306, AND 307. HIST. 181, 182, 381, 382, 383, AND 384, AND PHIL. 303, 309, AND 310.

COURSES FOR UNDERGRADUATES

CCLIV 110	INTRODUCTION TO GREEK CULTURE.						
	2 HOURS						
17366	LECT-DISC	A	11	TU TH	196	L H	BRIGHT
CCLIV 111	MYTHOLOGY OF GREECE AND ROME.						
	2 HOURS						
17374	LECT	A	11	TU TH	141	COM W	DUNN
17382	LECT	B	3	TU TH	141	COM W	DUNN
CCLIV 112	GREEK DRAMA IN ENGLISH TRANSLATION.						
	2 HOURS						
17391	LECT-DISC	A	9	TU TH	362	L H	JACOBSON
17424	LECT-DISC	B	3	TU TH	209	D K H	KLECKA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CCLIV 302	LATIN LITERATURE IN TRANSLATION.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	3 HOURS OR 1/2 UNIT						
17412	LECT-DISC	A	4	M W F	430	ARMORY	HELLER

COMMUNICATIONS

DEPARTMENT OFFICE

1207 W OREGON

THE GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMMUNICATIONS IS ADMINISTERED BY AN INTERDISCIPLINARY COMMITTEE APPOINTED BY THE DEAN OF THE COLLEGE OF COMMUNICATIONS. STUDENTS SEEKING ADMISSION TO THIS PROGRAM SHOULD CONSULT JAMES W. CAREY, CHAIRMAN OF THE COMMITTEE.

OF THE COURSES OFFERED THIS SEMESTER, COMM. 471, 490, AND 499 ARE IN THE GENERAL CATEGORY, COMM. 307, 344, 444, 462, 468, 470, 473, 474, 477 AND 481 ARE IN GROUP A, AND COMM. 325, 370, 420, 424, 425 AND 456 ARE IN GROUP B.

COURSES FOR ADVANCED UNDERGRADUATES

COMM 217	HISTORY OF COMMUNICATIONS.						
	SAME AS JOURN. 217.						
	PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.						
	3 HOURS						
17421	LECT-DISC	F	1	M W F	215	G H	ERICKSON
17439	LECT-DISC	R	3	TU	215	G H	KNIGHTS
		R	3-5	TH	215	G H	

COMM 220 PROCESSSES AND SYSTEMS OF COMMUNICATIONS.
 SAME AS JOURN. 220.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS B1 AND G1 ARE FOR ART-GRAPHIC DESIGN MAJORS ONLY. ALL
 OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. STUDENTS IN THE
 COLLEGE OF COMMUNICATIONS SEE JOURNALISM 220.

17447	LECT-DISC #B1	10	M	W	F	113	G H	KREILING
17463	LECT-DISC #B2	10	M	W	F	113	G H	
17455	LECT-DISC #G1	3	M	W	F	113	G H	CAREY
17471	LECT-DISC #G2	3	M	W	F	113	G H	

COMM 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
 SAME AS JOURN. 231.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS D1 AND F1 ARE FOR STUDENTS IN THE COLLEGE OF
 COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2
 AND F2.

17480	LECT-DISC #D1	11	M	W	F	123	G H	BOSTON
17501	LECT-DISC #D2	11	M	W	F	123	G H	
17498	LECT-DISC #F1	1	M	W	F	123	G H	GUBACK
17517	LECT-DISC #F2	1	M	W	F	123	G H	

COMM 241 LAW AND COMMUNICATIONS.
 SAME AS JOURN. 241.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS

17528	LECT-DISC	2	M	W	F	113	G H	ALFELD
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COMM 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
 SAME AS JOURN. AND SOC. 251.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS

17534	LECT-DISC F	2	M	W	F	215	G H	KREILING
17544	LECT-DISC H	4	M	W	F	215	G H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

COMM 302 THE ART OF THE SCREEN: EXPOSITION AND PERSUASION.
 SAME AS SPCH. 302.
 PREREQUISITE: COMM. 307 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

17552	LECT-DISC	3	M	W	F	331	ARMORY	
		3-5			F	331	ARMORY	

COMM 351 ADVANCED SOCIAL PSYCHOLOGY.
 SAME AS PSYCH. 351 AND SOC. 351.
 PREREQUISITE: PSYCH. 201 OR SOC. 201 AND EITHER PSYCH. 235 OR
 SOC. 345 OR A COMPARABLE STATISTICS COURSE.
 3 HOURS, OR 1/2 OR 1 UNIT

17579	LECT	3-420	TU TH	32	PSYCH BLDG	
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COMM 370 LANGUAGE, CULTURE AND SOCIETY.
 SAME AS ANTH. AND LING. 370.
 3 HOURS, OR 1/2 OR 1 UNIT

17587	LECT-DISC	3	M	W	F	304	L H
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COURSES FOR GRADUATES

COMM 414 SEMINAR ON SOCIAL INTERACTION.
 SAME AS SOC. 414.
 PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.
 1 UNIT

17595	LECT-DISC	2-4	TU	333	L H
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COMM 420	SEMINAR IN SEMANTICS. SAME AS PHIL. 420. PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT. *MAY BE REPEATED FOR CREDIT. *1 UNIT TOPIC--REFERRING.	1-3	TH	402	G H	
17609	LECT-DISC					
COMM 424	LINGUISTICS AND COMMUNICATION. SAME AS LING. 424. 1 UNIT	3-5	TU	43	G H	
17617	LECT-DISC					
COMM 426	RESEARCH SEMINAR IN PSYCHOLINGUISTICS. SAME AS LING. AND PSYCH. 426. PREREQUISITE: COMM. 425, CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	9-11	TU	508	PSYCH BLDG	
17625	LECT					
COMM 432	BOOKS AND LIBRARIES SINCE THE RENAISSANCE. SAME AS LIR. S. 432. 1 UNIT	11-230	M W	428B	LIR	
17633	LECT-DISC					
COMM 456	PSYCHOLOGY OF SOCIAL COMMUNICATION. SAME AS PSYCH. 456. PREREQUISITE: PSYCH. 351 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 1 UNIT	1-3	M	9	PSYCH BLDG	
17641	LECT					
COMM 463	WJPL BROADCASTING. SAME AS R. TV. 463. PREREQUISITE: COMM. 462 OR CONSENT OF INSTRUCTOR. 1 UNIT	3-5	4	123	G H	DOUGLASS
17650	LECT-DISC H					
COMM 468	THE POLITICAL ECONOMY OF COMMUNICATIONS. SAME AS JOURN. 468. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	1-3	TH	123	G H	GUBACK
17668	LECT-DISC					
COMM 470	COMMUNICATIONS AND POPULAR CULTURE. SAME AS JOURN. 470. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	3-5	TH	123	G H	KREILING
17676	LECT-DISC					
COMM 473	HISTORY AND THEORY OF FREEDOM OF THE PRESS. SAME AS JOURN. 473. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT	10-12	TH	123	G H	JENSEN
17684	LECT-DISC					
COMM 481	ADVANCED ADVERTISING PRINCIPLES. SAME AS ADV. 481. *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND COMM. 481. *1 UNIT	4-5	W	123	G H	WEDDING
17692	LECT-DISC					
COMM 482	RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS. SAME AS ADV. 482. PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS. 1 UNIT	1-3	TU	123	G H	YANG
17706	LECT-DISC					

COMM 499 SPECIAL TOPICS IN COMMUNICATIONS.
 PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE
 STUDY IN COMMUNICATIONS.
 1/2 TO 2 UNITS
 *SECTION A TOPIC: READINGS IN POPULAR CULTURE.
 *SECTION B TOPIC: HISTORY OF COMMUNICATIONS. (RESEARCH).
 *SECTION C TOPIC: QUANTITATIVE METHODS IN COMMUNICATIONS.

17714	CONF		ARR					
17722	CONF	*A	730-930PM	TH	123	G H		
17731	CONF	*B	730-930PM	TU	123	G H		
17749	CONF	*C	ARR					

STAFF
 CAREY
 KNIGHTS
 WIGGINS

COMM 499 THESIS RESEARCH.
 PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY
 IN COMMUNICATIONS AND THESIS SUPERVISOR.
 *STUDENTS MAY ACCUMULATE A TOTAL OF 8 UNITS.
 1/2 TO 4 UNITS

17757	CONF		ARR					
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STAFF

COMPARATIVE LITERATURE

DEPARTMENT OFFICE

401 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C LIT 313 THE DIVINE COMEDY.
 SAME AS ITAL. 313.
 PREREQUISITE: JUNIOR STANDING.
 2 HOURS OR 1/2 UNIT

17765	LECT-DISC		10	TU TH	230	L H		
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KAHANE

C LIT 359 THE INTERNATIONAL FOLK TALE.
 SAME AS ENGL. 359.
 3 HOURS OR 3/4 UNIT

17773	LECT-DISC	D	11	M W F	205	E B		
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FLANAGAN

C LIT 364 INTRODUCTION TO COMPARATIVE LITERATURE, II.
 SAME AS HUMAN. 364.
 3 HOURS OR 3/4 UNIT

17781	LECT-DISC	A	11	TU TH	176	L H		
17790	LECT-DISC	B	2	TU TH	370	L H		

B. SMALLEY
 B. SMALLEY

COURSES FOR GRADUATES

C LIT 431 COMPARATIVE SLAVIC LITERATURE.
 SAME AS SLAV. 431.

1 UNIT								
17803	LECT-DISC	B	220-335	TU TH	305	G H		

L. IRIBARNE

C LIT 451 SEMINAR IN LITERARY MOVEMENTS.
 *STUDENTS MAY ACCUMULATE 3 UNITS.
 *1 UNIT
 *SECTION F: DANTE AND THE MEDIEVAL TRADITION.
 *SECTION H: THE ENLIGHTENMENT.

17811	LECT-DISC	*F	2-4	W	370	L H		
17820	LECT-DISC	*H	4-6	W	370	L H		

MONTANO
 ALDRIDGE

C LIT 453 PROBLEMS IN ROMANTIC LITERATURE.
 SAME AS ENGL. 476.

1 UNIT								
TOPIC TO BE ANNOUNCED.								
17838	LECT-DISC	H	4-6	TU	303	E B		

STILLINGER

C LIT 455 STUDIES IN THE ROMANTIC MOVEMENT, II.
 SAME AS ENGL. 428.

1 UNIT								
17846	LECT-DISC	F	1	M W	303	E B		

WILKIE

C LIT 461 SEMINAR IN LITERARY FORMS.
 *STUDENTS MAY ACCUMULATE 3 UNITS.
 *1 UNIT
 SECTION C: COMPARATIVE STUDIES MODERN DRAMA.
 SECTION H: STUDIES IN LYRIC POETRY: THE SONNET IN ITALY, SPAIN
 FRANCE, AND GERMANY.
 17854 LECT-DISC C 10-12 TU 110 L H KNUST
 17862 LECT-DISC H 4-6 M 108 L H JOST

C LIT 462 SEMINAR IN SPANISH-AMERICAN NOVEL.
 SAME AS SPAN. 436.
 PREREQUISITE: SPAN. 433 OR 434.
 1 UNIT
 17871 LECT-DISC 10 M W 176 L H LEAL

C LIT 471 SEMINAR IN LITERARY RELATIONS.
 *STUDENTS MAY ACCUMULATE THREE UNITS.
 *1 UNIT
 SECTION C: THE CONCEPT OF MIRAGE.
 SECTION H: ANGLO-GERMAN LITERARY RELATIONS IN THE NINETEENTH
 CENTURY.
 17889 LECT-DISC C 10-12 TH 110 L H ALDRIDGE
 17897 LECT-DISC H 4-6 TH 429 LIB FREY

C LIT 482 SEMINAR IN MODERN GERMAN LITERATURE.
 SAME AS GER. 461.
 PREREQUISITE: GER. 411 AND 495.
 1 UNIT
 *TOPIC: EMBLEM LITERATURE.
 17901 LECT-DISC F 2-5 F 429 LIB
 17919 LECT-DISC *Z 7-10PM TU 429 LIB STEGEMEIER

C LIT 493 SPECIAL STUDIES.
 1/4 TO 1 UNIT
 17927 CONF ARR

C LIT 499 THESIS RESEARCH.
 *MAXIMUM CREDIT FOR MASTER'S CANDIDATES IS 2 UNITS.
 *0 TO 4 UNITS
 17935 CONF ARR

COMPUTER SCIENCE

DEPARTMENT OFFICE

252 D C L

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE MATHEMATICS DEPARTMENT UNDER
 THE CURRICULUM IN SCIENCE AND LETTERS FOR STUDENTS OF MATHEMATICS
 WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140 (OR 131, 141), 341, 342, 317, 318
 347, 348 (OR 361).

FIRST MINOR: C. S. 121, 201, 287 AND ONE OF COMPUTER SCIENCE
 293, 294, 301 OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED
 BY THE DEPARTMENT.

NOTE: IN SPECIAL CIRCUMSTANCES WITH THE CONSENT OF THE ADVISOR,
 OTHER 100-LEVEL BEGINNING COMPUTER SCIENCE COURSES MAY BE SUB-
 STITUTED FOR COMPUTER SCIENCE 121.

DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: A STUDENT WHO SATISFIES THE FOLLOWING REQUIREMENTS MAY, UPON RECOMMENDATION OF THE DEPARTMENT OF MATHEMATICS AND OF COMPUTER SCIENCE, BE GRADUATED WITH DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE:

1. SATISFY THE LAS COLLEGE REQUIREMENTS FOR GRADUATION.
2. COMPLETE THE MINIMUM REQUIREMENT OF THE MAJOR IN MATHEMATICS AND COMPUTER SCIENCE WITH A GRADE POINT AVERAGE OF AT LEAST 4.25 IN ALL MATHEMATICS AND COMPUTER SCIENCE COURSES.
3. COMPLETE THREE HOURS OF ADDITIONAL COURSES CHOSEN FROM COMPUTER SCIENCE 109, 209, 290, 301, 306, 311, 385, 387, 391, 392, 393, 394, 397.
4. REGISTER HIS CANDIDACY FOR DISTINCTION WITH HIS ADVISOR NO LATER THAN THE END OF HIS JUNIOR YEAR.

COURSES FOR UNDERGRADUATES

C S 101 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING: C. S. 101, 103, 105, 107, OR 121.

*3 HOURS

GRADUATE STUDENTS DESIRING AN ELEMENTARY KNOWLEDGE OF PROGRAMMING SHOULD ENROLL IN COMPUTER SCIENCE 400.

NOTE: IN EACH CASE THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW THE SECOND LECTURE OF THE WEEK.

EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, MARCH 23, 1971, AND TUESDAY, APRIL 27, 1971, AT 7 P.M.

17943	LECT	B1	9	M	W	314	A H	MURRELL
17951	LECT	C1	11	M	W	314	A H	CUDIA
17960	LECT	F1	1	M	W	151	E E B	CUDIA
17978	LECT	P1	11	TU TH		100	M M B	KUCK
17986	QUIZ	B2	.9		F	133	ARMORY	
17994	QUIZ	B3	9		F	396	L H	
18001	QUIZ	B4	9		F	152	ADMIN	
18019	QUIZ	C1	10		F	133	ARMORY	
18027	QUIZ	C2	10		F	146	ARMORY	
18035	QUIZ	D2	11		F	133	ARMORY	
18043	QUIZ	D3	11		F	146	ARMORY	
18051	QUIZ	D4	11		F	430	ARMORY	
18060	QUIZ	D5	11		F	374	L H	
18078	QUIZ	E2	1	W		161	E E B	
18086	QUIZ	E3	1		F	101	WOODSHOP	
18094	QUIZ	F4	1		F	217	M E L	
18108	QUIZ	E5	1		F	133	ARMORY	
18116	QUIZ	E6	1		F	146	ARMORY	
18124	QUIZ	F1	2	W		309	H H	
18132	QUIZ	F2	2		F	133	ARMORY	
18141	QUIZ	F3	2		F	146	ARMORY	
18159	QUIZ	F4	2		F	430	ARMORY	
18167	QUIZ	G1	3	W		161	E E B	
18175	QUIZ	H1	4	W		161	E E B	
18183	QUIZ	M1	9	TH		203	T B	
18191	QUIZ	M2	9	TH		28	COM W	
18205	QUIZ	M3	9	TH		310	D K H	
18213	QUIZ	N1	10	TH		240	L H	
18221	QUIZ	N2	10	TH		304	L H	
18230	QUIZ	N3	10	TH		203	T B	
18248	QUIZ	P2	11	TH		310	L H	
18256	QUIZ	P3	11	TH		28	COM W	
18264	QUIZ	R1	1	TH		161	E E B	
18272	QUIZ	P2	1	TH		313	D H	
18281	QUIZ	S1	2	TH		313	D H	
18299	QUIZ	S2	2	TH		302	L H	
18302	QUIZ	T1	3	TH		101	WOODSHOP	
18311	QUIZ	T2	3	TH		217	M E L	
18329	QUIZ	U1	4	TH		101	WOODSHOP	
18337	QUIZ	U2	4	TH		217	M E L	

C S 103 INTRODUCTION TO SOCIAL AND BEHAVIORAL SCIENCE DIGITAL COMPUTER PROGRAMMING.

PREREQUISITE: SOPHOMORE STANDING AND A YEAR OF COLLEGE MATHEMATICS OR STATISTICS.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:

C. S. 101, 103, 105, 107, OR 121

*3 HOURS

18345	LECT	B1	9	M	W	319	G H	MONTANELLI
18353	QUIZ	C1	10		W	217	M E L	
18361	QUIZ	F1	2		W	101	WOODSHOP	
18370	QUIZ	M1	9		TH	101	WOODSHOP	
18388	QUIZ	P1	11		TH	57	E E B	
18396	QUIZ	R2	9		F	161	E E B	

C S 105 INTRODUCTION TO COMPUTERS AND THEIR APPLICATION TO BUSINESS AND COMMERCE.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.

*3 HOURS

EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, MARCH 23, 1971, AND
TUESDAY, APRIL 27, 1971.

18400	LECT	B1	9	M W	66	LIB	
18418	LECT	D1	11	M W	101	ARMORY	BOWDON
18426	LECT	M2	9	TU TH	100	N L	
18434	QUIZ	A1	9	F	101	WOODSHOP	
18442	QUIZ	A2	8	F	217	M E L	
18451	QUIZ	B3	9	F	146	ARMORY	
18469	QUIZ	B4	9	F	140	COM W	
18477	QUIZ	C1	10	F	161	E E B	
18485	QUIZ	C2	10	F	217	M E L	
18493	QUIZ	D2	11	F	217	M E L	
18507	QUIZ	D3	11	F	161	E E B	
18515	QUIZ	D4	11	F	240	ADMIN	
18523	QUIZ	E1	1	F	161	E E B	
18531	QUIZ	E2	1	F	154	ADMIN	
18540	QUIZ	F1	2	F	101	WOODSHOP	
18558	QUIZ	F2	2	F	154	ADMIN	
18566	QUIZ	M1	9	TH	317	D K H	
18574	QUIZ	N1	10	TH	119	D K H	
18582	QUIZ	N2	10	TH	247	A H	
18591	QUIZ	P1	11	TH	226	COM W	
18604	QUIZ	P2	11	TH	307	D K H	
18612	QUIZ	P3	11	TH	137	ADMIN	
18621	QUIZ	R1	1	TH	302	L H	
18639	QUIZ	R2	1	TH	143	ADMIN	
18647	QUIZ	S1	2	TH	161	E E B	
18655	QUIZ	S2	2	TH	143	ADMIN	
18663	QUIZ	T1	3	TH	161	E E B	
18671	QUIZ	T2	3	TH	137	ADMIN	
18680	QUIZ	U1	4	TH	161	E E B	
18698	QUIZ	U2	4	TH	137	ADMIN	

C S 109 HONORS COURSE IN COMPUTER SCIENCE.

ENROLLMENT WILL BE STRICTLY LIMITED TO STUDENTS WITH SUPERIOR
TALENTS IN COMPUTER SCIENCE.

PREREQUISITE: REGISTRATION IN C. S. 101, 103, 105, 107, OR 121.

1 HOUR

18701	LECT-DISC	E	ARR				KUCK
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C S 121 INTRODUCTION TO COMPUTER PROGRAMMING.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.

*4 HOURS

NOTE: IN EACH CASE, THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW
THE SECOND LECTURE OF THE WEEK.

18710	LECT	B1	8	M W	151	E E B	GEAR
18728	QUIZ	A1	8	F	161	E E B	
18736	QUIZ	B2	9	F	217	M E L	
18744	QUIZ	C1	10	W	161	E E B	
18752	QUIZ	F1	2	W	206	H H	
18761	QUIZ	M1	9	TH	217	M E L	
18779	QUIZ	P1	11	TH	43	E E B	

C S 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

18787	CONF		ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

C S 201 MACHINE LANGUAGE AND SYSTEM PROGRAMMING, I.

PREREQUISITE: C. S. 101 OR 121, OR CONSENT OF INSTRUCTOR.

3 HOURS

*NON-COMPUTER SCIENCE MAJORS REGISTER IN SECTION P2.

18795	LECT-DISC	P1	1030-12	TU TH	151	E E B	
18809	LECT-DISC	*P2	1030-12	TU TH	100	N L	

C S 209 HONORS COURSE IN COMPUTER SCIENCE.

PREREQUISITE: C. S. 101 OR 121; REGISTRATION IN C. S. 201 OR 294;
CONSENT OF INSTRUCTOR.

1 HOUR

18817	LECT-DISC	EA	ARR				GILLIES
18825	LECT-DISC	EB	ARR				MURRELL

C S	287	INTRODUCTION TO NUMERICAL ANALYSIS. SAME AS MATH. 287. PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, OR CONSENT OF INSTRUCTOR. 3 HOURS	19833	LECT-DISC	C1	10	M W F	314	A H	WATANABE
C S	290	INDIVIDUAL STUDY. PREREQUISITE: C. S. 101 OR 121; C. S. 201 OR 294; OR CONSENT OF INSTRUCTOR. 1 OR 2 HOURS	19941	DISC		ARR				STAFF
C S	293	INTRODUCTION TO COMPUTER HARDWARE. PREREQUISITE: C. S. 101, 103, OR 121; MATH. 142 OR 143; OR CONSENT OF INSTRUCTOR. 3 HOURS	18950	LAB-DISC	B	9	M W F	115	D C L	KUBITZ
C S	294	INTRODUCTION TO THE THEORY OF DIGITAL MACHINES. SAME AS E. E. 294. PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS. 3 HOURS	18968	LECT	D	11	M W F	151	E E B	MURRELL
C S	297	SPECIAL TOPICS IN COMPUTER SCIENCE. PREREQUISITE: CONSENT OF INSTRUCTOR. 2 TO 4 HOURS *SECTION A TOPIC: COMPUTER HARDWARE (A CONTINUATION OF C.S. 293).	18876	LECT-DISC	*A	ARR				POPPELBAUM
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES										
C S	306	SYSTEMS PROGRAMMING. PREREQUISITE: C. S. 201. 3 HOURS OR 1 UNIT	13884	LECT-DISC	C	10	M W F	100	M M B	FRIEDMAN
C S	310	INFORMATION STRUCTURES. PREREQUISITE: C. S. 201 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	18892	LECT-DISC	D	11	M W F	146	ARMORY	MCCORMICK
C S	311	INFORMATION SYSTEMS. PREREQUISITE: C. S. 310. 3 HOURS OR 1 UNIT	18906	LECT-DISC	P	1030-12	TU TH	101	WOODSHOP	RAY
C S	367	COMPUTER APPLICATION TO PROBLEMS IN MATHEMATICS. PREREQUISITE: C. S. 101, 107, 121, OR EQUIVALENT, AND JUNIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	18914	LECT-DISC	S	130-250	TU TH	217	M E L	NIEVERGELT
C S	383	LINEAR PROGRAMMING. SAME AS MATH. 383. PREREQUISITE: ONE YEAR OF CALCULUS. 3 HOURS OR 1 UNIT	18922	LECT-DISC	F1	1	M W F	152	ADMIN	
C S	387	NUMERICAL ANALYSIS. SAME AS MATH. 387. PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	18931	LECT-DISC	F1	1	M W F	156	ADMIN	PHILLIPS
C S	391	BOOLEAN ALGEBRA AND SWITCHING THEORY. SAME AS E. E. AND MATH. 391. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	18949	LECT-DISC	M1	10-1120	TU TH	119	M M B	METZE

C S 392 INTRODUCTION TO AUTOMATA THEORY.
 SAME AS E. E. AND MATH. 392.
 PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 14957 LECT-DISC #1 9 M W F 165 A H MULLER
 14965 LECT-DISC #1 11 M W F 168 E E B

C S 397 SPECIAL TOPICS IN COMPUTER SCIENCE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 TO 3 HOURS, OR 1/2 TO 1 UNIT
 *SECTION A TOPIC: ROBOTICS.
 14973 LECT-DISC #A 2 M W F 217 M E L MCCORMICK

COURSES FOR GRADUATES

C S 401 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING FOR
 GRADUATE STUDENTS.
 1 HOUR
 14941 LECT-DISC E 1 M 100 M M B BOWDON

C S 413 COMPUTER APPLICATIONS IN SOCIAL SCIENCE STATISTICAL RESEARCH.
 SAME AS PSYCH. AND SOC. 413.
 PREREQUISITE: SOC. 387 OR EQUIVALENT IN STATISTICS; MAY BE
 TAKEN CONCURRENTLY WITH SOC. 387.
 1 UNIT
 14990 LECT-DISC R 1-220 TU TH 101 WOODSHOP DICKMAN

C S 414 ENGINEERING APPLICATIONS OF LINEAR GRAPHS.
 SAME AS E. E. 414.
 PREREQUISITE: E. E. 416, MATH. 315 OR 318.
 1 UNIT
 19006 DISC F 1 M W F 335 E E B MAYEDA

C S 443 INTEGER PROGRAMMING AND ADVANCED LINEAR PROGRAMMING.
 PREREQUISITE: MATH. 315 OR EQUIVALENT.
 1 UNIT
 19014 LECT-DISC N 10-1120 TU TH 217 M E L MURGOA

C S 454 CODING THEORY.
 SAME AS E. E. 456.
 PREREQUISITE: MATH. 317 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 19922 DISC S 2-320 TU TH 254 E E B CHIEN

C S 458 NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS.
 SAME AS MATH. 458.
 PREREQUISITE: C. S. OR MATH. 457, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 14731 LECT-DISC F1 2 M W F 161 E E B SAYLOR

C S 465 TOPICS IN AUTOMATA THEORY.
 SAME AS E. E. AND MATH. 465.
 PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 19749 LECT-DISC #1 11 M W F 247 A H MULLER

C S 482 THEORY OF DIGITAL COMPUTER ARITHMETIC.
 SAME AS E. E. 482.
 PREREQUISITE: C. S. OR E. E. 394.
 1 UNIT
 19957 LECT-DISC P 1030-12 TU TH 161 E E B ROBERTSON

C S 485 ADVANCED THEORY OF MAGNETIC AND OPTIC COMPUTER MEMORY DEVICES.
 SAME AS E. E. 485.
 PREREQUISITE: C. S. OR E. E. 395.
 1 UNIT
 19065 LECT-DISC M 830-10 TU TH 161 E E B FAIMAN

C S 490 INDIVIDUAL STUDY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS
 19073 CONF APR STAFF

C S 491 SEMINAR IN COMPUTER SCIENCE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 1 UNIT
 *SECTION A TOPIC: COMBINATORIAL MATHEMATICS IN
 COMPUTER DESIGN. CREDIT--1/2 UNIT.
 *SECTION B TOPIC: ARCHITECTURE, APPLICATIONS, AND LANGUAGES FOR A
 PARALLEL COMPUTER. CREDIT--1/2 TO 1 UNIT.
 *SECTION C TOPIC: OPERATIONS RESEARCH. CREDIT--1/2 TO 1 UNIT.
 19081 CONF *A APR MURGO
 19090 CONF *B APR SLOJNICK
 19103 CONF *C APR BOWDON

C S 499 THESIS RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 4 UNITS
 *SECTION A IS FOR CANDIDATES FOR A MASTERS DEGREE.
 *SECTION B IS FOR CANDIDATES FOR A PH.D. DEGREE.
 19111 CONF *A APR STAFF
 19120 CONF *B APR STAFF

CZECH

SLAVIC LANGUAGES AND LITERATURES
 DEPARTMENT OFFICE 263 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CZECH 384 READINGS IN CZECH LITERATURE.
 PREREQUISITE: CZECH 383, OR CONSENT OF DEPARTMENT.
 3 HOURS OR 3/4 UNIT
 19135 LECT-DISC E 1 M W F 261 L H V. KOSTUN

DAIRY SCIENCE

DEPARTMENT OFFICE 315 A S L

COURSES FOR UNDERGRADUATES

D S 100 INTRODUCTION TO DAIRY PRODUCTION.
 3 HOURS
 19146 LECT A 9 M 135 A S L KENDALL
 QUIZ A 9 W 135 A S L
 LAB A 9-10 F STOCK PAVILION

D S 110 PLANT AND ANIMAL GENETICS.
 SAME AS AN. S., AGRON., AND HORT. 110.
 PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101)
 AND ZOOL. 104.
 3 HOURS
 19154 LECT 2 M W W109 T H ALEXANDER
 LAB 1 1-3 TU W 13 T H AND STAFF
 19171 LAB 2 3-5 TU W 13 T H
 19189 LAB 3 1-3 TH W 13 T H

COURSES FOR ADVANCED UNDERGRADUATES

D S 201 LIVESTOCK MANAGEMENT.
 SAME AS AN. S. 201.
 PREREQUISITE: AN. S./D. S. 221 OR AN. S. 325.
 *ANIMAL AND DAIRY SCIENCE MAJORS DO NOT RECEIVE CREDIT FOR THIS
 COURSE.
 *5 HOURS
 19197 LECT-DISC 11 MTUWTHF 135 A S L JOHNSON
 AND CASH

D S	204	DAIRY CATTLE EVALUATION. PREREQUISITE: D. S. 100 OR CONSENT OF INSTRUCTOR. 3 HOURS						
	19201	LECT-DISC	1-3 1-3	TU TH	STOCK PAVILION 320 M H		CASH	
D S	221	ANIMAL NUTRITION. SAME AS AN. S. 221. PREREQUISITE: CHEM. 102 (NEW), 132, OR 133. 4 HOURS						
	19219	LECT-DISC	10	TUWTHF	135 A S L		BAKER AND BAUMAN	
D S	230	COMPARATIVE PHYSIOLOGY OF REPRODUCTION, LACTATION AND GROWTH. SAME AS AN. S. 230. PREREQUISITE: ZOOL. 104 AND ONE COURSE IN CHEMISTRY. 3 HOURS						
	19227	LECT LAB	9 10-12	TU TH TU	W115 T H 414 A S L		HAYS AND DZIUK	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

D S	300	SPECIAL PROBLEMS. PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL ARE REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION. 1 TO 5 HOURS, OR 1/2 TO 1 UNIT SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE. *SECTION 6B IS OPEN TO JAMES SCHULANS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.						
	19235	CONF	A	ARP			HARSHBARGER	
	19243	CONF	*6B	ARR			AND STAFF	
D S	305	GENETICS AND ANIMAL IMPROVEMENT. SAME AS AN. S. 305. PREREQUISITE: D. S. 110 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT						
	19251	LECT DISC	10 10	M W F	316N M H 316N M H		GROSSMAN	
D S	320	NUTRITION AND DIGESTIVE PHYSIOLOGY OF RUMINANTS. SAME AS AN. S. 320. PREREQUISITE: D. S./AN. S. 221. 3 HOURS OR 3/4 UNIT						
	19260	LECT		M W F	N107 T H		DAVIS AND HINDS	
D S	340	INTRODUCTION TO APPLIED STATISTICS. SAME AS AG. F., AGRON., AN. S., F. S., FOR., HOPT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT						
	19278	LECT	9	TU TH	W109 T H		SEIF	
	19286	LAB-DISC	1	1-3 TU	W223 T H			
	19294	LAB-DISC	2	3-5 TU	W223 T H			
	19308	LAB-DISC	3	1-3 W	W121 T H			
	19316	LAB-DISC	4	3-5 W	W223 T H			
D S	350	WORLD ANIMAL AGRICULTURE. SAME AS AN. S. 350. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT						
	19324	LECT	F	M W F	316N M H		KASTELIC AND BROWN	

COURSES FOR GRADUATES

D S	408	PHYSIOLOGY OF LACTATION. 1/2 TO 2 UNITS						
	19332	LAB-DISC	ARR		341 A S L		HAYS	

D S	412	ADVANCED ENDOCRINOLOGY. SAME AS AN. S., PHYSL., AND ZOOL. 412. PREREQUISITE: CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 2 UNITS. *1/2 UNIT TOPIC--TO BE ANNOUNCED		19341	DISC	730-10PM	M	140	BUR HALL	NALBANDOV, FOSTER, GORSKI JACKSON AND DZUK
D S	416	POPULATION GENETICS AND ANIMAL BREEDING. SAME AS AN. S. 416. PREREQUISITE: D. S. 110 OR EQUIVALENT. 1 UNIT		19359	LECT	8	M W F	341	A S L	
D S	430	PHYSIOLOGY OF MAMMALIAN GERM CELLS. PREREQUISITE: D.S. 330, AN.S. 406, AND CHEM. 350, OR CONSENT OF INSTRUCTOR. 1 UNIT		19367	LECT	ARR				LODGE & GRAVES
D S	440	DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS. SAME AS AG. E., AGRON., AN. S., F. S., FOR., HORT., AND V. M. S. 440. PREREQUISITE: D. S. 340 OR EQUIVALENT. 3/4 UNIT		19375	LECT	9	M W	W109	T H	SEIF, CRAMER AND WALKER
				19383	LAB-DISC	1	1-3	TH	W223	T H
				19391	LAB-DISC	2	3-5	TH	W223	T H
D S	450	DAIRY BACTERIOLOGY. PREREQUISITE: TEN HOURS OF ADVANCED MICROBIOLOGY AND/OR CHEMISTRY, AND CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS		19405	LAB	ARR		462	A S L	BRYANT AND WOLIN
D S	481	ANIMAL BIOCHEMICAL LABORATORY TECHNIQUES. SAME AS AN. S. 481. PREREQUISITE: CHEM. 350 AND 355; CONSENT OF INSTRUCTOR. 1 UNIT *PLUS TWO HOURS TO BE ARRANGED.		19413	LAB-DISC	*1-4	TU TH	341	A S L	LARSON
D S	490	DAIRY SCIENCE SEMINAR. PREREQUISITE: GRADUATE MAJOR OR MINOR IN DAIRY SCIENCE. 1/2 UNIT		19421	CONF	4	TH	341	A S L	HARSHBARGER
D S	493	SPECIAL PROBLEMS. 1/2 TO 2 UNITS		19430	CONF	ARR				HARSHBARGER AND STAFF
D S	499	THESIS RESEARCH. 0 TO 4 UNITS		19448	CONF	ARR				HARSHBARGER AND STAFF

DAIRY TECHNOLOGY

OFFICE

104 D M B

COURSES FOR ADVANCED UNDERGRADUATES

D T 213 TECHNICAL CONTROL OF DAIRY PRODUCTS.
 PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 133.
 3 HOURS
 19456 LECT-DISC 8 F 203 D M B TOBIAS
 LAB 8-11 M W 208 D M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ALL STUDENTS SPECIALIZING IN DAIRY TECHNOLOGY ARE EXPECTED
 TO TAKE AN INSPECTION TRIP EITHER IN THE JUNIOR OR SENIOR YEAR.
 THIS TRIP COSTS THE STUDENT ABOUT \$20.

D T 308 DAIRY PLANT MANAGEMENT.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 19464 LECT-DISC 2 M W F 203 D M B WILSON

D T 310 DAIRY PRODUCT PROCESSING, I.
 PREREQUISITE: F. S. 201, D. T. 211 AND CREDIT OR REGISTRATION IN
 D. T. 213.
 4 HOURS OR 1 UNIT
 19472 LECT-DISC 11 M W F 203 D M B TOBIAS
 LAB 8-11 TU TH 208 D M B

COURSES FOR GRADUATES

D T 403 COLLOID PHENOMENA OF DAIRY AND OTHER FOOD PRODUCTS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 19481 LECT-DISC 10 M W F 203 D M B WHITNEY
 LAB ARR

D T 404 SEMINAR.
 PREREQUISITE: GRADUATE STANDING IN DAIRY TECHNOLOGY.
 *STUDENTS MAY ACCUMULATE ONE-HALF UNIT.
 *0 TO 1/4 UNIT
 19499 DISC ARR STAFF

D T 499 THESIS RESEARCH.
 0 TO 4 UNITS
 19502 CONF ARR STAFF

DANCE

DEPARTMENT OFFICE

162 KRAN CENTER

PROFESSIONAL COURSES FOR UNDERGRADUATES

DANCE 101 BEGINNING MODERN DANCE.

FOR NON-DANCE MAJORS.

*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.

*1 HOUR

19511 LAB P 11 TU TH 1115 W OREGON

DANCE 102 INTERMEDIATE MODERN DANCE.

FOR NON-DANCE MAJORS.

PREREQUISITE: DANCE 101 OR CONSENT OF INSTRUCTOR.

*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.

*1 HOUR

19529 LAB E 1 M W 10 FREER GYM

DANCE 160 BEGINNING TECHNIQUE.

*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

*3 HOURS

19537 LAB B 915-1045 MTWTHF DANCE RHRSL KRAN

B 915-1045 M W F 10 FREER

19545 LAB B1 915-1045 MTWTHF 1115 W OREGON

DANCE 163 IMPROVISATION, II.

PREREQUISITE: DANCE 162 OR CONSENT OF INSTRUCTOR.

1 HOUR

19553 LAB D 11 M W F DANCE RHRSL KRAN

19561 LAB C1 11 M W F 1115 W OREGON

DANCE 165 INTERMEDIATE TECHNIQUE.

PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.

*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

*3 HOURS

19570 LAB X1 12-130 MTWTHF 1115 W OREGON

DANCE 167 BEGINNING BALLET, II.

PREREQUISITE: DANCE 166 OR CONSENT OF INSTRUCTOR.

*MAY BE REPEATED ONCE FOR CREDIT.

*1 HOUR

19588 LAB C1 1045-12 TU TH 10 FREER GYM

19596 LAB E 1-215 TU TH 10 FREER GYM

19600 LAB F1 230-345 TU TH 10 FREER GYM

DANCE 169 MUSIC THEORY AND PRACTICE FOR DANCE, II.

PREREQUISITE: DANCE 168 OR CONSENT OF INSTRUCTOR.

2 HOURS

19618 LAB-DISC F 2 M W F 901 W ILLINOIS

19626 LAB-DISC G 3 M W F 901 W ILLINOIS

19634 LAB-DISC H 4 M W F 901 W ILLINOIS

DANCE 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

19642 LAB ARP

PROFESSIONAL COURSES FOR ADVANCED UNDERGRADUATES

DANCE 244 TEACHING OF DANCE.

PREREQUISITE: DANCE 243 OR CONSENT OF INSTRUCTOR.

3 HOURS

STUDENTS IN THE TEACHING OF DANCE CURRICULUM ARE REQUIRED TO ENROLL IN SE. ED. 241.

19651 LAB C 9 TU TH 901 W ILLINOIS

LECT-DISC C 930-1230 S DANCE RHRSL KRAN

DANCE 245 DANCE IN THE ELEMENTARY SCHOOL.

PREREQUISITE: DANCE 243.

2 HOURS

19669 LAB-DISC B 9 M W 901 W ILLINOIS

LAB-DISC B ARP

ECONOMICS

DEPARTMENT OFFICE

330 COM W

MAJOR: TWENTY HOURS IN ECONOMICS, INCLUDING ECON. 108, OR 102 AND 103, 171, 300, AND 301.
STUDENTS ARE ADVISED TO TAKE ONE OF THE FOLLOWING MATH. SEQUENCES: MATH. 120, 130, 140, OR MATH. 120, 131, 141; OR MATH. 135, 145.
MINIMUM REQUIREMENTS OF THE DEPARTMENT CAN BE SATISFIED BY MATH. 120, 130; OR MATH. 120, 131; OR MATH. 135; OR MATH. 124, 134. IN ADDITION STUDENTS CONSIDERING GRADUATE WORK SHOULD TAKE MATH. 315. LIBERAL ARTS MAJORS ARE STRONGLY ADVISED TO ELECT ACCY 201, WHICH IS NOT ACCEPTABLE TOWARD THE MAJOR REQUIREMENT.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, EDUCATION, FINANCE, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY.
AN ECONOMICS MAJOR WHO CHOOSES FINANCE AS A MINOR MUST INCLUDE TWELVE HOURS IN A SECOND MINOR. THE CURRICULUM IN LATIN-AMERICAN, ASIAN, OR RUSSIAN AREA STUDIES IS ACCEPTED AS A MINOR.

NOTE: ECON. 102 AND 103 ARE REQUIRED FOR ALL COMMERCE STUDENTS, AND THESE OR 108 ARE REQUIRED FOR ALL LIBERAL ARTS MAJORS IN ECONOMICS. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN ECONOMICS SHOULD TAKE THESE COURSES IN THEIR SOPHOMORE YEAR.

COURSES FOR UNDERGRADUATES

ECON 102 PRINCIPLES OF ECONOMICS, I.

PREREQUISITE: ONE SEMESTER OF COLLEGE WORK.

3 HOURS

*SECTION 6L IS OPEN ONLY TO JAMES SCHOLARS, OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20089 LECT-DISC *6L 8-93C TU TH 305 D K H
STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE LECTURE AND ONE QUIZ SECTION.

19847	LECT	1	2	M	141	COM W	SCHRAM BRANDIS
19855	LECT	2	3	M	141	COM W	
19863	QUIZ	L1	8	TU TH	130	COM W	
19871	QUIZ	L2	8	TU TH	126	COM W	
19880	QUIZ	L3	8	TU TH	307	D K H	
19898	QUIZ	M1	9	TU TH	126	COM W	
19901	QUIZ	M2	9	TU TH	307	D K H	
19910	QUIZ	M3	9	TU TH	40	COM W	
19928	QUIZ	N1	10	TU TH	305	D K H	
19936	QUIZ	N2	10	TU TH	222	D K H	
19944	QUIZ	N3	10	TU TH	326	D K H	
19952	QUIZ	P1	11	TU TH	125	D K H	
19961	QUIZ	P2	11	TU TH	222	D K H	
19979	QUIZ	P3	11	TU TH	119	D K H	
19987	QUIZ	X1	12	TU TH	130	COM W	
19995	QUIZ	X2	12	TU TH	222	D K H	
20003	QUIZ	R1	1	TU TH	123	D K H	
20011	QUIZ	R2	1	TU TH	119	D K H	
20020	QUIZ	R3	1	TU TH	209	D K H	
20038	QUIZ	S1	2	TU TH	28	COM W	
20046	QUIZ	S2	2	TU TH	222	D K H	
20054	QUIZ	S3	2	TU TH	219	D K H	
20062	QUIZ	T1	3	TU TH	119	D K H	
20071	QUIZ	T2	3	TU TH	40	COM W	

ECON 103 PRINCIPLES OF ECONOMICS, II.

PREREQUISITE: ECON. 102.

3 HOURS

*SECTION 6C IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20097	LECT-DISC	A1	8	M W F	305	D K H
20101	LECT-DISC	A2	8	M W F	119	D K H
20119	LECT-DISC	B	9	M W F	126	COM W
20208	LECT-DISC	*6C	10	M W F	126	COM W
20127	LECT-DISC	D1	11	M W F	140	COM W

ECON	103	CONTINUED									
	20135	LECT-DISC	D2	11	M	W	F	119	D	K	H
	20143	LECT-DISC	X1	12	M	W	F	222	D	K	H
	20151	LECT-DISC	X2	12	M	W	F	305	D	K	H
	20160	LECT-DISC	F1	1	M	W	F	140	COM	W	
	20178	LECT-DISC	F2	1	M	W	F	40	COM	W	
	20186	LECT-DISC	F	2	M	W	F	119	D	K	H
	20194	LECT-DISC	G	3	M	W	F	305	D	K	H

ECON 103 ELEMENTS OF ECONOMICS.

NOT OPEN TO COMMERCE STUDENTS OR STUDENTS WHO HAVE HAD ECON. 102 AND 103.

PREREQUISITE: FIRST SEMESTER FRESHMAN IN ENGINEERING, SECOND SEMESTER FRESHMAN IN OTHER COLLEGES.

3 HOURS

SECTIONS 6A, 6C, AND 6C1 ARE OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

*SECTION N IS FOR THOSE PREPARING TO TEACH IN THE PUBLIC SCHOOLS.

NONE OF THE FOLLOWING LECTURE-DISCUSSIONS HAVE QUIZ SECTIONS.

20607	LECT-DISC	6A	8	M	W	F	20	COM	W		
20716	LECT-DISC	B	9	M	W	F	245	COM	W		
20615	LECT-DISC	6C	10	M	W	F	317A	D	K	H	
20623	LECT-DISC	6C1	10	M	W	F	332	ARMORY			
20224	LECT-DISC	D	11	M	W	F	245	COM	W		
20593	LECT-DISC	*N	11	M	W	F	325	D	K	H	

STUDENTS REGISTERING IN LECTURES 1, 2, 3, 4, AND 5 MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

20232	QUIZ	1M1	9		TH		130	COM	W		
	LECT	1	9	M	W		103	M	H		
20241	QUIZ	1M2	11		TH		170	COM	W		
	LECT	1	9	M	W		103	M	H		
20259	QUIZ	1R1	1		TH		222	D	K	H	
	LECT	1	9	M	W		103	M	H		
20267	QUIZ	1R2	1		TH		126	COM	W		
	LECT	1	9	M	W		103	M	H		
20275	QUIZ	1S1	2		TH		152	COM	W		
	LECT	1	9	M	W		103	M	H		
20283	QUIZ	1S2	2		TH		111	D	K	H	
	LECT	1	9	M	W		103	M	H		
20291	QUIZ	1S3	2		TH		307	D	K	H	
	LECT	1	9	M	W		103	M	H		
20305	QUIZ	1S4	2		TH		305	D	K	H	
	LECT	1	9	M	W		103	M	H		
20313	QUIZ	2L	8		TH		140	COM	W		
	LECT	2	10	M	W		103	M	H		
20321	QUIZ	2M1	9		TH		24	COM	W		
	LECT	2	10	M	W		103	M	H		
20330	QUIZ	2M2	9		TH		140	COM	W		
	LECT	2	10	M	W		103	M	H		
20348	QUIZ	2N1	10		TH		111	D	K	H	
	LECT	2	10	M	W		103	M	H		
20356	QUIZ	2N2	10		TH		307	D	K	H	
	LECT	2	10	M	W		103	M	H		
20364	QUIZ	3X1	12		TU TH		24	COM	W		
	LECT	3	9		F		103	M	H		
20372	QUIZ	3X2	12		TU TH		140	COM	W		
	LECT	3	9		F		103	M	H		
20381	QUIZ	3P1	11		TU TH		130	COM	W		
	LECT	3	9		F		103	M	H		
20399	QUIZ	3P2	11		TU TH		111	D	K	H	
	LECT	3	9		F		103	M	H		
20402	QUIZ	3R1	1		TU TH		307	D	K	H	
	LECT	3	9		F		103	M	H		
20411	QUIZ	4L	8		TH		40	COM	W		
	LECT	4	1	M	W		103	M	H		
20429	QUIZ	4P1	11		TH		226	COM	W		
	LECT	4	1	M	W		103	M	H		
20437	QUIZ	4P2	11		TH		305	D	K	H	
	LECT	4	1	M	W		103	M	H		
20445	QUIZ	4X1	12		TH		126	COM	W		
	LECT	4	1	M	W		103	M	H		
20453	QUIZ	4R1	1		TH		111	D	K	H	
	LECT	4	1	M	W		103	M	H		
20461	QUIZ	4R2	1		TH		305	D	K	H	
	LECT	4	1	M	W		103	M	H		
20470	QUIZ	4R3	1		TH		130	COM	W		
	LECT	4	1	M	W		103	M	H		

FERBER

WEISER

PADEN

ECON 108 CONTINUED

20488	QUIZ	4S1	2		TH	130	COM W	
	LECT	4	1	M	W	103	M H	PADEN
20496	QUIZ	5N1	10		TU	111	D K H	
	LECT	5	2		W F	141	COM W	
20500	QUIZ	5N2	10		TU	307	D K H	
	LECT	5	2		W F	141	COM W	
20518	QUIZ	5P1	11		TU	224	D K H	
	LECT	5	2		W F	141	COM W	
20526	QUIZ	5P2	11		TU	307	D K H	
	LECT	5	2		W F	141	COM W	
20534	QUIZ	5P3	11		TU	305	D K H	
	LECT	5	2		W F	141	COM W	
20542	QUIZ	5R1	1		TU	130	COM W	
	LECT	5	2		W F	141	COM W	
20551	QUIZ	5R2	1		TU	305	D K H	
	LECT	5	2		W F	141	COM W	
20569	QUIZ	5R3	1		TU	126	COM W	
	LECT	5	2		W F	141	COM W	
20577	QUIZ	5R4	1		TU	222	D K H	
	LECT	5	2		W F	141	COM W	
20585	QUIZ	5S	2		TU	130	COM W	
	LECT	5	2		W F	141	COM W	HEINS

STUDENTS ENROLLED IN ECONOMICS 108 MAY ALSO ENROLL, ON AN OPTIONAL BASIS, IN ONE OF THE CONFERENCE SECTIONS FOR AN ADDITIONAL ONE HOUR OF CREDIT. THESE CONFERENCE SECTIONS WILL BE LIMITED IN ENROLLMENT AND WILL BE STAFFED BY SENIOR FACULTY MEMBERS. EACH SECTION WILL BE DEVOTED TO DISCUSSION OF PARTICULAR CURRENT ECONOMIC PROBLEMS AS NOTED BELOW:

*SECTION N1 TOPIC: COMPARATIVE SYSTEMS.

SECTION S TOPIC: U.S. FOREIGN INVESTMENT: DEVELOPMENT STIMULUS OR NEC-COLONIALISM.

SECTION T TOPIC: ECONOMIC DEVELOPMENT WITH EMPHASIS ON TROPICAL AFRICA

20631	CONF	S	2		TU	119	D K H	GILLESPIE
20640	CONF	T	3		TH	140	COM W	DUE
20622	CONF	*N1	10		TU	119	D K H	FERBER

ECON 171 INTRODUCTORY ECONOMIC STATISTICS.

FOR NON-COMMERCE STUDENTS ONLY.

PREREQUISITE: CONCURRENT REGISTRATION IN MATH. 134.

*NOT OPEN FOR CREDIT IN ADDITION TO ECON. 172 AND 173, MATH. 161, OR PSYCH. 135.

*3 HOURS

20458	LECT-DISC	F	2		M W F	307	D K H	
	LAB	F	2		TU	205	D K H	

ECON 172 ECONOMIC STATISTICS, I.

PREREQUISITE: MATH. 134 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN ECON. 102 OR 108.

3 HOURS

20666	LECT-DISC	A1	8		M W F	307	D K H	
	LAB	A1	8		TU	205	D K H	
20674	LECT-DISC	A2	8		M W F	222	D K H	
	LAB	A2	8		TU	205	D K H	
20682	LECT-DISC	B1	9		M W F	222	D K H	
	LAB	B1	9		TU	205	D K H	
20691	LECT-DISC	B2	9		M W F	307	D K H	
	LAB	B2	9		TU	205	D K H	
20704	LECT-DISC	C1	10		M W F	307	D K H	
	LAB	C1	10		TU	205	D K H	
20712	LECT-DISC	C2	10		M W F	222	D K H	
	LAB	C2	10		TU	205	D K H	
20721	LECT-DISC	D1	11		M W F	307	D K H	
	LAB	D1	11		TU	205	D K H	
20739	LECT-DISC	D2	11		M W F	222	D K H	
	LAB	D2	11		TU	205	D K H	
20747	LECT-DISC	F	2		M W F	222	D K H	
	LAB	F	2		TU	205	D K H	
20755	LECT-DISC	G	3		M W F	222	D K H	
	LAB	G	3		TU	205	D K H	

ECON 173 ECONOMIC STATISTICS, II.
 PREREQUISITE: ECON. 172 OR EQUIVALENT.
 3 HOURS
 *SECTION 6A2 IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A
 MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT
 OF THE INSTRUCTOR.

20763	LECT-DISC	A1	8	M W F	113	D K H
	LAB	A1	8	TU	205	D K H
20917	LECT-DISC	*6A2	8	M W F	40	COM W
	LAB	*6A2	8	TU	205	D K H
20771	LECT-DISC	A3	8	M W F	241	COM W
	LAB	A3	8	TU	205	D K H
20780	LECT-DISC	B	9	M W F	40	COM W
	LAB	B	9	TU	205	D K H
20798	LECT-DISC	C1	10	M W F	119	D K H
	LAB	C1	10	TU	205	D K H
20801	LECT-DISC	C2	10	M W F	305	D K H
	LAB	C2	10	TU	205	D K H
20810	LECT-DISC	C3	12	M W F	130	COM W
	LAB	C3	10	TU	205	D K H
20828	LECT-DISC	D1	11	M W F	332	ARMURY
	LAB	D1	11	TU	205	D K H
20836	LECT-DISC	D2	11	M W F	305	D K H
	LAB	D2	11	TU	205	D K H
20844	LECT-DISC	E1	1	M W F	222	D K H
	LAB	E1	1	TU	205	D K H
20852	LECT-DISC	E2	1	M W F	307	D K H
	LAB	E2	1	TU	205	D K H
20861	LECT-DISC	X1	12	M W F	307	D K H
	LAB	X1	12	TU	205	D K H
20879	LECT-DISC	X2	12	M W F	119	D K H
	LAB	X2	12	TU	205	D K H
20887	LECT-DISC	F1	2	M W F	305	D K H
	LAB	F1	2	TU	205	D K H
20895	LECT-DISC	G1	3	M W F	119	D K H
	LAB	G1	3	TU	205	D K H
20909	LECT-DISC	G2	3	M W F	307	D K H
	LAB	G2	3	TU	205	D K H

ECON 196 HONORS SEMINAR.
 OPEN TO FRESHMAN AND SOPHOMORE JAMES SCHOLARS ONLY.
 PREREQUISITE: ECON. 108.
 3 HOURS
 20925 LECT-DISC G 3 M W F 126 COM W

ECON 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 20933 CONF 1 ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

ECON 214 GOVERNMENT FINANCE AND TAXATION.
 PREREQUISITE: ECON. 103, OR 108.
 3 HOURS
 20941 LECT-DISC C 10 M W F 130 COM W
 20950 LECT-DISC D 11 M W F 130 COM W
 20968 LECT-DISC F 2 M W F 66 LIB

ECON 236 AMERICAN ECONOMIC HISTORY.
 PREREQUISITE: JUNIOR STANDING, ECON. 103 OR 108.
 3 HOURS
 20976 LECT-DISC C 10 M W F 40 COM W
 20984 LECT-DISC G 3 M W F 111 D K H

ECON 238 EUROPEAN ECONOMIC HISTORY.
 PREREQUISITE: ECON. 103 OR 108.
 3 HOURS
 20992 LECT-DISC E 1 M W F 111 D K H

ECON 240 LABOR PROBLEMS.
 PREREQUISITE: ECON. 102 AND 103, OR 108.
 3 HOURS
 STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
 21009 LECT 10 W F 141 COM W
 21017 QUIZ A 8 TH 219 D K H
 21025 QUIZ B 9 TH 119 D K H
 21033 QUIZ X 12 TH 111 D K H

ECON 255 COMPARATIVE ECONOMIC SYSTEMS.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

21041	LECT-DISC	B	9	M W F	141	COM W
21050	LECT-DISC	E	1	M W F	245	COM W
21068	LECT-DISC	F	2	M W F	245	COM W

ECON 288 GOVERNMENT REGULATION OF ECONOMIC ACTIVITY.

PREREQUISITE: ECON. 102 AND 103, OR 108.

3 HOURS

21076	LECT-DISC	C	10	M W F	140	COM W
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ECON 295 SENIOR RESEARCH.

PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.

2 TO 4 HOURS

21084	CONF	T	3-430	TU	11	COM W
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ECON 300 INTERMEDIATE MICRO-ECONOMIC THEORY.

PREREQUISITE: ECON. 103, OR 108.

STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ECON. 200 AND 300.

3 HOURS OR 1/2 UNIT

MATH. 124 AND 134 ARE RECOMMENDED.

21092	LECT-DISC	B1	9	M W F	119	D K H
21106	LECT-DISC	B2	9	M W F	305	D K H
21114	LECT-DISC	D	11	M W F	111	D K H
21122	LECT-DISC	E	1	M W F	119	D K H
21131	LECT-DISC	F	2	M W F	111	D K H

ECON 301 INTERMEDIATE MACRO-ECONOMIC THEORY.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS OR 1/2 UNIT

MATH. 124 AND 134 ARE RECOMMENDED.

21149	LECT-DISC	C	10	M W F	111	D K H
21157	LECT-DISC	C1	10	M W F	245	COM W
21165	LECT-DISC	C	11	M W F	40	COM W
21173	LECT-DISC	E	1	M W F	305	D K H
21181	LECT-DISC	G	3	M W F	40	COM W

ECON 306 HISTORY OF ECONOMIC THOUGHT.

PREREQUISITE: ECON. 103, OR 108, SENIOR STANDING.

3 HOURS OR 1/2 UNIT

21190	LECT-DISC	F	2	M W F	130	COM W
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ECON 312 ECONOMIC DYNAMICS AND GROWTH.

PREREQUISITE: ECON. 103, OR 108, AND ECON. 301.

3 HOURS, OR 1/2 OR 1 UNIT

21203	LECT-DISC	F	2	M W F	126	COM W
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ECON 313 ECONOMICS OF CONSUMPTION.

SAME AS H. EC. 313.

PREREQUISITE: ECON. 102 OR 108, A COURSE IN APPLIED STATISTICS, AND JUNIOR STANDING.

3 HOURS, OR 3/4 OR 1 UNIT

21211	LECT-DISC	G	3	M W F	242	BEV HALL
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ECON 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE.

SAME AS L. I. R. 315.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT

21220	LECT-DISC	G	1	M W F	20	COM W
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ECON 328 INTERNATIONAL ECONOMICS.

PREREQUISITE: ECON. 102 AND 103, OR ECON. 108.

3 HOURS, OR 1/2 OR 1 UNIT

21238	LECT-DISC	A	8	M W F	130	COM W
21246	LECT-DISC	F	2	M W F	140	COM W

ECON 329 CONTEMPORARY ISSUES IN THE INTERNATIONAL ECONOMY.

PREREQUISITE: ECON. 328 OR EQUIVALENT.

3 HOURS, OR 1/2 OR 1 UNIT

21254	LECT-DISC	B	9	M W F	20	COM W
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ECON 335 AMERICAN FINANCIAL HISTORY.
 PREREQUISITE: FIN. 250.
 3 HOURS, OR 1/2 OR 1 UNIT
 21262 LECT-DISC D 11 M W F 20 COM W

ECON 337 ECONOMIC HISTORY OF AMERICAN AGRICULTURE.
 SAME AS AG. EC. AND HIST. 337.
 PREREQUISITE: A COLLEGE-LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN HISTORY.
 *GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE REQUIRED TO DO EXTRA WORK.
 *3 HOURS, OR 3/4 OR 1 UNIT
 ALL STUDENTS WILL ENROLL IN THE LECTURE. AGRICULTURAL ECONOMICS STUDENTS SHOULD ENROLL IN DISC. L, WHILE ECONOMICS AND HISTORY STUDENTS SHOULD ENROLL IN DISC. M.
 21271 LECT 8-10 TU 313 M H
 21289 DISC L 8 TH 313 M H
 21297 DISC M 9 TH 313 M H

ECON 341 THE ECONOMICS OF LABOR MARKETS.
 SAME AS L. I. R. 341.
 PREREQUISITE: ECON. 103 OR 108.
 3 HOURS, OR 1/2 OR 1 UNIT
 21301 LECT-DISC N 10-1130 TU TH 11 COM W

ECON 345 ECONOMICS OF MANPOWER.
 SAME AS L. I. R. 345.
 PREREQUISITE: ECON. 103 OR 108.
 *GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 345 AND ECON./L. I. R. 444.
 *3 HOURS, OR 1/2 OR 1 UNIT
 21319 LECT-DISC C 10 M W F 11 COM W

ECON 350 THE DEVELOPING ECONOMIES.
 PREREQUISITE: ECON. 103 OR 108.
 *NOT OPEN FOR GRADUATE CREDIT FOR GRADUATE CANDIDATES IN ECONOMICS.
 GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 350 AND 450 OR 451.
 *3 HOURS, OR 1/2 OR 1 UNIT
 21327 LECT-DISC G 3 M W F 130 COM W

ECON 353 ECONOMIC DEVELOPMENT IN INDIA AND SOUTHEAST ASIA.
 SAME AS AG. EC. 353.
 PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 21335 LECT-DISC A 8 M W F 122 D K H

ECON 354 ECONOMIC DEVELOPMENT OF TROPICAL AFRICA.
 SAME AS AG. EC. 354.
 PREREQUISITE: ECON. 103 OR 108, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 21343 LECT-DISC M 9-11 TU 332 ARMORY
 M 9 TH 332 ARMORY

ECON 357 THE SOVIET ECONOMY.
 PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 21351 LECT-DISC E 1 M W F 130 COM W

ECON 358 THE ECONOMY OF CHINA.
 PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 21360 LECT-DISC D 11 M W F 126 COM W

ECON 360 REGIONAL ECONOMIC DEVELOPMENT.
 PREREQUISITE: ECON. 103 OR 108.
 *STUDENTS RECEIVING GRADUATE CREDIT FOR ECON. 360 MAY NOT RECEIVE CREDIT FOR ECON. 460 OR 461.
 *3 HOURS, OR 1/2 OR 1 UNIT
 21378 LECT-DISC B 9 M W F 130 COM W

ECON 368 MATHEMATICAL ECONOMICS, II.
 PREREQUISITE: MATH. 124 OR 315, MATH. 143, ECON. 300 OR EQUIVALENT.
 3 HOURS, OR 1/2 TO 1 UNIT
 21386 LECT-DISC D 11 M W F 11 COM W

ECON 384 ECONOMICS OF TRANSPORTATION.
 PREREQUISITE: ECON. 103 OR 108.
 3 HOURS, OR 1/2 OR 1 UNIT
 21394 LECT-DISC G 3 M W F 6 COM W

ECON 386 CURRENT TRANSPORTATION PROBLEMS.
 PREREQUISITE: ECON. 384 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 21408 LECT-DISC B 9 M W F 11 COM W

COURSES FOR GRADUATES

ECON 400 GENERAL ECONOMIC THEORY.
 PREREQUISITE--ECON. 103 OR 108.
 1 UNIT
 21416 LECT-DISC L 8-10 TU TH 222 D K H STEINKAMP

ECON 401 GENERAL ECONOMIC THEORY.
 PREREQUISITE: ECON. 103 OR 108.
 1 UNIT
 21424 LECT-DISC N 10-12 TU TH 245 COM W FLANDERS
 21432 LECT-DISC R 1-3 TU TH 245 COM W FLANDERS

ECON 403 ECONOMIC THEORY.
 PREREQUISITE: ECON. 300-301 OR EQUIVALENT; FOR THE MATHEMATICS
 SECTION, A KNOWLEDGE OF ALGEBRA AND CALCULUS.
 1 UNIT
 *SECTION EN IS THE MATHEMATICS SECTION.
 21467 LECT-DISC *EN 10-12 TU TH 40 COM W BREMS
 21441 LECT-DISC N1 10-12 TU TH 140 COM W MILLAR
 21459 LECT-DISC N2 10-12 TU TH 126 COM W MCMAHON

ECON 406 HISTORY OF ECONOMIC THOUGHT.
 PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT.
 1 UNIT
 21475 LECT-DISC E 1-3 M 11 COM W EAGLY

ECON 408 PHILOSOPHICAL PROBLEMS IN ECONOMICS.
 PREREQUISITE: ONE UNIT IN ECONOMIC THEORY OR ONE UNIT IN THE
 HISTORY OF ECONOMIC THOUGHT.
 1 UNIT
 21483 LECT-DISC G 3-5 F 11 COM W BRANDIS

ECON 411 CAPITAL AND INTEREST THEORY.
 PREREQUISITE: ECON. 403 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 21491 LECT-DISC N 10-12 TU TH 20 COM W RESEK

ECON 413 CONSUMPTION THEORY.
 PREREQUISITE: ECON. 400 OR 402 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 21505 LECT-DISC F 3-5 M 11 COM W MCMAHON

ECON 415 ECONOMICS OF TAXATION.
 PREREQUISITE: SIX HOURS OF ECONOMICS.
 1 UNIT
 21513 LECT-DISC G 3-5 F 140 COM W DUE

ECON 421 THE THEORY OF MONETARY POLICY.
 PREREQUISITE: A COURSE IN MONEY AND BANKING, IN MACRO-ECONOMIC
 THEORY, CALCULUS, AND STATISTICS, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 21521 LECT-DISC F 2-4 F 20 COM W SPRENKLE

ECON 429 INTERNATIONAL TRADE POLICY.
 PREREQUISITE: ECON. 300 AND 301, OR EQUIVALENT.
 1 UNIT
 21530 LECT-DISC F 2-4 M 20 COM W GILLESPIE

ECON	436	AMERICAN ECONOMIC HISTORY. NOT OPEN TO STUDENTS WHO HAVE HAD ECON. 236. 1 UNIT	21548	LECT-DISC	L	8-10	TU TH	111	D K H	KEMMERER
ECON	438	ECONOMIC HISTORY OF EUROPE. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	21556	LECT-DISC	A	8-10	M F	111	D K H	KEMMERER
ECON	441	LABOR ECONOMICS. SAME AS L. I. R. 441. PREREQUISITE: ECON. 300 AND 301. 1 UNIT	21564	LECT-DISC	R	1-3	TH	24	COM W	HARTMAN
ECON	442	COLLECTIVE BARGAINING. SAME AS L. I. R. 442. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	21572	LECT-DISC		1-3	TU	43	L I R	
ECON	443	PROBLEMS AND PRACTICES OF LABOR DISPUTE SETTLEMENT. SAME AS L. I. R. 443. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	21581	LECT-DISC		3-5	TU	43	L I R	
ECON	451	THE DEVELOPING ECONOMIES. PREREQUISITE: ECON. 450. 1 UNIT	21599	LECT-DISC	R	3-5	TU	130	COM W	TAIRA
ECON	457	ECONOMIC PLANNING IN THE SOVIET UNION AND EASTERN EUROPE. PREREQUISITE: ECON. 300-301, OR 357, OR CONSENT OF INSTRUCTOR. 1 UNIT	21602	LECT-DISC	T	3-5	TH	130	COM W	MILLAR
ECON	461	URBAN AND REGIONAL ECONOMIC DEVELOPMENT. PREREQUISITE: ECON. 300 AND 301. *STUDENTS RECEIVING CREDIT FOR ECON. 461 MAY NOT RECEIVE GRADUATE CREDIT FOR ECON. 360. *1 UNIT	21611	LECT-DISC	A	8-10	M	140	COM W	WILLIAMSON
ECON	468	MATHEMATICAL ECONOMICS, II: DYNAMICS. PREREQUISITE: MATH. 315; ECON. 402-403; OR EQUIVALENT. 1 UNIT	21629	LECT-DISC	F	2-4	F	8	COM W	BREMS
ECON	470	ECONOMIC STATISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	21637	LECT-DISC	G	3-5	M W	245	COM W	STEINKAMP
ECON	471	ECONOMIC STATISTICS. PREREQUISITE: ECON. 470 OR EQUIVALENT. 1 UNIT	21645	LECT-DISC	R	1-3	TU TH	40	COM W	JUDGE
ECON	477	ECONOMETRICS, II. PREREQUISITE: ECON. 476. 1 UNIT	21653	LECT-DISC	E	1-3	W F	11	COM W	YANCEY
ECON	481	INDUSTRIAL ORGANIZATION AND PUBLIC POLICY. PREREQUISITE: ECON. 480. 1 UNIT	21661	LECT-DISC	T	3-5	TH	20	COM W	ARNOULD

ECON 485 ECONOMICS OF TRANSPORTATION.
 1 UNIT
 21670 LECT-DISC R 1-3 TU 11 COM W HARBESON

ECON 490 INDIVIDUAL STUDY AND RESEARCH.
 1/2 TO 1 UNIT
 *SECTION A: RESEARCH IN ECONOMICS.
 *SECTION T: STATISTICS FOR RESEARCH PURPOSES.
 21688 CONF ARR
 21696 CONF *A 8-10 W 140 COM W STAFF
 21700 CONF *T 3-5 TU 140 COM W JUDGE
 DUCHAN

ECON 499 THESIS RESEARCH.
 0 TO 4 UNITS
 *SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND
 SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES.
 21718 CONF *1 10-12 M ARR
 21726 CONF *2 3-5 TH 245 COM W

EDUCATION

DEPARTMENT OFFICE

110 EDUCATION

COURSES FOR UNDERGRADUATES

EDUC 101 EDUCATION PRACTICUM.
 PREREQUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR.
 4 HOURS
 21734 LECT-DISC 1 8-10 M W 385 EDUC
 21742 LECT-DISC 2 8-10 M W 15 D K H
 21751 LECT-DISC 3 10-12 M W 382 EDUC
 21769 LECT-DISC 4 9-11 TU TH 209 D K H
 21777 LECT-DISC 5 9-11 TU TH 325 D K H
 21785 LECT-DISC 6 10-12 TU TH 442 M H
 21793 LECT-DISC 7 11-1 TU TH 385 EDUC

EDUC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 21807 CONF 4-6 TH 152 COM W

EDUCATION ADMINISTRATION

DEPARTMENT OFFICE

EDUCATION BUILDING

COURSES FOR GRADUATES

ED AD 430	ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION. INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT					
21815	LECT-DISC	7-9PM	TU	389	EDUC	WESTON
ED AD 438	INSTRUCTIONAL SUPERVISION. PREREQUISITE: EL. ED. OR SE. ED. 439 AND ED. AD. 460. 1 UNIT					
21823	LECT-DISC	7-9PM	M	385	EDUC	SERGIOVANNI
ED AD 440	ADMINISTRATION AND SUPERVISION OF JUNIOR AND SENIOR HIGH SCHOOLS. INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: ED. AD. 460 OR CONSENT OF INSTRUCTOR. 1 UNIT					
21831	LECT-DISC	7-9PM	M	382	EDUC	RAUBINGER
ED AD 449	INDEPENDENT STUDY. PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. *1/2 OR 1 UNIT					
21840	CONF	ARR				
ED AD 460	PUBLIC CONTROL AND ADMINISTRATION OF EDUCATION. NOT OPEN TO EXPERIENCED ADMINISTRATORS OR TO ANY STUDENTS WHO HAVE TAKEN ANY OF THE FOLLOWING COURSES (OR EQUIVALENT): ED. AD. 430, 440, 461, 462, 464, 465, 466. 1 UNIT					
21858	LECT-DISC	7-9PM	W	385	EDUC	RAUBINGER
ED AD 462	ORGANIZATION AND BUSINESS ADMINISTRATION OF PUBLIC EDUCATION. PREREQUISITE: ED. AD. 460, 430 OR 440, AND 461. 1 UNIT					
21866	LECT-DISC	4-7	TH	25	EDUC	BURNHAM
ED AD 463	THE ROLE OF ADMINISTRATIVE LEADERSHIP. PREREQUISITE: ED. AD. 461 AND EDPsy. 413. 1 UNIT					
21874	LECT-DISC	5-9	TU	385	EDUC	CARVER & MILLER
ED AD 464	FIELD PROBLEMS IN EDUCATIONAL ADMINISTRATION. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT *SECTION H OPEN TO STUDENTS IN SPECIAL EDUCATION ONLY.					
21882	LECT-DISC *H	ARR		210A	EDUC	HENDERSON
ED AD 466	PUBLIC SCHOOL FINANCE. PREREQUISITE: ED. AD. 460 AND 430 OR 440 AND 462. 1 UNIT					
21891	LECT-DISC	4-6	W	385	EDUC	MCLURE
ED AD 468	SCHOOL-COMMUNITY RELATIONS. 1 UNIT					
21904	LECT-DISC	7-9PM	TU	382	EDUC	SUMPTION
ED AD 469	LEGAL BASIS OF SCHOOL ADMINISTRATION. 1 UNIT					
21912	LECT-DISC	7-9PM	W	382	EDUC	SUMPTION

ED AD 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
 OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
 FOR THE DEGREES OF PH.D. OR ED. D.
 1 TO 2 UNITS
 21921 CONF ARR

ED AD 491 FIELD STUDY AND THESIS SEMINAR.
 LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
 1 TO 2 UNITS
 21939 CONF ARR

ED AD 497 COLLECTIVE BARGAINING IN PUBLIC EMPLOYMENT.
 SAME AS L. I. R. 497, SOC. W. 497, AND POL. S. 469.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 21947 LECT-DISC A 3-5 W 43 L I R DERBER

ED AD 499 THESIS RESEARCH.
 0 TO 4 UNITS
 21955 CONF ARR

EDUCATIONAL PRACTICE

DEPARTMENT OFFICE

EDUCATION BUILDING

ADMISSION TO EDUCATIONAL PRACTICE (STUDENT TEACHING): ADMISSION TO STUDENT TEACHING IS LIMITED TO THOSE STUDENTS WHO ARE IN GOOD STANDING IN A TEACHER EDUCATION CURRICULUM APPROVED BY THE URBANA-CHAMPAIGN COUNCIL ON TEACHER EDUCATION. APPROXIMATELY ONE YEAR PRIOR TO THE SCHOOL YEAR IN WHICH THEY CAN BE EXPECTED TO ENROLL IN AN EDUCATIONAL PRACTICE COURSE, ELIGIBLE STUDENTS WILL HAVE MAILED TO THEM AN INVITATION TO APPLY FOR A TENTATIVE STUDENT TEACHING ASSIGNMENT IN THE PUBLIC SCHOOLS. THESE APPLICATIONS MUST BE COMPLETED AND PROCESSED PROMPTLY THROUGH THE APPROPRIATE OFFICE OF STUDENT TEACHING. STUDENTS WHOSE APPLICATIONS ARE APPROVED WILL ENROLL FOR THE FOLLOWING SCHOOL YEAR. CANDIDATES FOR UNIVERSITY OF ILLINOIS TEACHER-EDUCATION DEGREES MUST COMPLETE EDUCATIONAL PRACTICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN. EDUCATIONAL PRACTICE IS A PART OF THE PROFESSIONAL SEMESTER AND IS GENERALLY TAKEN DURING EITHER THE FALL OR SPRING SEMESTER OF THE DEGREE CANDIDATE'S SENIOR YEAR.

EDUCATIONAL PRACTICE IS UNDER THE GENERAL SUPERVISION OF THE ILLINOIS TEACHING EXPERIENCES LABORATORY. HOWEVER, THE FOLLOWING SEPARATE OFFICES OF STUDENT TEACHING HAVE DEVELOPED SPECIFIC REQUIREMENTS FOR THEIR STUDENTS:

SECONDARY EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242. PHYS. ED. WOMEN ALSO ENROLL IN ED. PR. 238, SECTION D. MUSIC CANDIDATES ALSO ENROLL IN ED. PR. 238, SECTION V. SPEECH CORRECTION CANDIDATES ENROLL IN ED. PR. 220, SECTION B. STUDENTS WISHING TO ENROLL IN THE LIBRARY SCIENCE SECTION OF ED. PR. 242 AS WELL AS IN THEIR TEACHING MAJOR MUST FILE APPLICATIONS WITH THE HEAD SUPERVISOR OF EACH FIELD.

ELEMENTARY EDUCATION--CANDIDATES ENROLL IN ED. PR. 232. SECTION A.

SPECIAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220. CANDIDATE PURSUING A DEGREE IN SPECIAL EDUCATION MUST ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220 AND IN ED. PR. 232, SECTION B. VOCATIONAL AND TECHNICAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242 EXCEPT AGRICULTURAL EDUCATION DEGREE CANDIDATES WHO ENROLL IN VOTEC. 276.

COURSES FOR UNDERGRADUATES

FD PR 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 21963 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

ED PR 220 EDUCATIONAL PRACTICE IN THE EDUCATION OF EXCEPTIONAL CHILDREN.
 PREREQUISITE: SENIOR STANDING, CONSENT OF DEPARTMENT.
 2 TO 5 HOURS
 *SECTION A--MENTALLY RETARDED. 3 HOURS
 *SECTION B--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPLETED
 SP. ED. 324 MUST ENROLL IN IT DURING THEIR STUDENT-TEACHING
 SEMESTER. 5 HOURS.
 *SECTION C--MENTALLY RETARDED. 5 HOURS.
 *SECTION D1--DEAF. 4 HOURS.
 *SECTION D2--DEAF. 5 HOURS.
 *SECTION E--EMOTIONALLY DISTURBED. 3 HOURS.
 21971 PRACT *A ARR
 21980 PRACT *B ARR
 21998 PRACT *C ARR
 22004 PRACT *D1 ARR
 22012 PRACT *D2 ARR
 22021 PRACT E ARR

ED PR 232 EDUCATIONAL PRACTICE IN ELEMENTARY EDUCATION.
 PREREQUISITE: EL. ED. 233, EL. ED. 237, AND SENIOR STANDING.
 2 TO 5 HOURS
 *SECTION A IS FOR STUDENTS IN GENERAL ELEMENTARY CURRICULUM.
 5 HOURS
 *SECTION B IS FOR STUDENTS IN EXCEPTIONAL CHILDREN CURRICULA.
 3 HOURS.
 MUST BE TAKEN CONCURRENTLY WITH EL. ED. 230.
 22039 PRACT *A ARR
 22047 PRACT *B ARR

ED PR 238 EDUCATIONAL PRACTICE FOR SPECIAL FIELDS IN ELEMENTARY SCHOOLS.
 PREREQUISITE: FOR STUDENTS IN THE EARLY CHILDHOOD CURRICULUM,
 EL. ED. 334 IS REQUIRED; CONSENT OF INSTRUCTOR.
 3 OR 4 HOURS
 3 HOURS A P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED.
 241, SECTION A AND ED. PR. 242, SECTION A.
 3 OR 4 HOURS D P.E. FOR WOMEN, REQUIRES REGISTRATION IN SE.
 ED. 241, SECTION D AND ED. PR. 242, SECTION D.
 3 HOURS E EARLY CHILDHOOD EDUCATION.
 4 HOURS K ART REQUIRES REGISTRATION IN ED. PR. 242
 SECTION K.
 3 HOURS V MUSIC, REQUIRES REGISTRATION IN SE. ED. 241,
 SECTION V, AND ED. PR. 242, SECTION V.
 3 HOURS Y LIBRARY SCIENCE, REQUIRES REGISTRATION IN
 SE. ED. 241, AND ED. PR. 242, SECTION 4,
 OR EL. ED. 333 AND ED. PR. 232.
 22055 PRACT A ARR
 22063 PRACT D ARR
 22071 PRACT E ARR
 22080 PRACT K ARR
 22098 PRACT V ARR
 22101 PRACT Y ARR

ED PR 242 EDUCATIONAL PRACTICE IN SECONDARY EDUCATION.

PREREQUISITE: SE. ED. 240 AND SENIOR STANDING.

2 TO 5 HOURS		A	P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A.
2 OR 5 HOURS		C	HEALTH EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A.
3 OR 5 HOURS		D	P. E. FOR WOMEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION D.
3 OR 5 HOURS		E	EDUCATIONAL MEDIA, REQUIRES REGISTRATION IN SE. ED. 241.
3 OR 5 HOURS		F	BIOLOGY, REQUIRES REGISTRATION IN SE. ED. 241, SECTION F.
3 OR 5 HOURS		G	CHEMISTRY, REQUIRES REGISTRATION IN SE. ED. 241, SECTION F.
3 OR 5 HOURS		H	GENERAL SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS F1 OR F2.
3 OR 5 HOURS		I	PHYSICS, REQUIRES REGISTRATION IN SE. ED. 241 SECTION F.
3 OR 5 HOURS		J	SOCIAL STUDIES, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS J1, J2, OR J3.
3 OR 5 HOURS		K	ART, REQUIRES REGISTRATION IN ED. PR. 238 SECTION K.
3 OR 5 HOURS		L	ENGLISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS L1, L2, L3, L4, L5 OR L6.
3 OR 5 HOURS		M	SPEECH, REQUIRES REGISTRATION IN SE. ED. 247.
3 OR 5 HOURS		N	FRENCH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS		O	LATIN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS		P	SPANISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS		Q	GERMAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
5 HOURS		R	HOME ECONOMICS, REQUIRES REGISTRATION IN SE. ED. 241, HOME ECONOMICS SECTION R.
3 HOURS		S	INDUSTRIAL EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, INDUSTRIAL EDUCATION SECTION S.
3 OR 5 HOURS		T	MATH, REQUIRES REGISTRATION IN SE. ED. 241, SECTION T.
3 HOURS		V	MUSIC, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS V1 OR V2.
5 HOURS		W	BUSINESS EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION W.
3 OR 5 HOURS		X	RUSSIAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS		Y	LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241.
5 HOURS		DD	DANCE, REQUIRES REGISTRATION IN SE. ED. 241, SECTION DD.
3 OR 5 HOURS		TT	JUNIOR COLLEGE.
22110	PRACT	A	ARR
22128	PRACT	C	ARR
22136	PRACT	D	ARR
22144	PRACT	F	ARR
22152	PRACT	F	ARR
22161	PRACT	G	ARR
22177	PRACT	H	ARR
22187	PRACT	I	ARR
22195	PRACT	J	ARR
22204	PRACT	K	ARR
22217	PRACT	L	ARR
22225	PRACT	M	ARR
22233	PRACT	N	ARR
22241	PRACT	O	ARR
22250	PRACT	P	ARR
22258	PRACT	Q	ARR
22276	PRACT	R	ARR
22284	PRACT	S	ARR
22292	PRACT	T	ARR
22306	PRACT	V	ARR
22314	PRACT	W	ARR
22322	PRACT	X	ARR
22331	PRACT	Y	ARR
22340	PRACT	DD	ARR
22357	PRACT	TT	ARR

ED PR 251 SCHOOL AND COMMUNITY EXPERIENCES.

2 HOURS

*SECTION 55: SPECIAL EDUCATION.

22355	PRACT	*55	ARR
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EDUCATIONAL PSYCHOLOGY

DEPARTMENT OFFICE

EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

EDPSY 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 4 HOURS

TOPIC: THE TEACHER AND STUDENT ACTIVISM.

22373	CONF	A	3-5	TU	185	EDUC	P. RUBINOVITS
		A	3	TH	385	EDUC	

COURSES FOR ADVANCED UNDERGRADUATES

EDPSY 211 EDUCATIONAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100.

3 HOURS

*OPEN ONLY TO STUDENTS REGISTERED FOR STUDENT TEACHING. SECTIONS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

EG HONORS SECTION--FOR JAMES SCHOLARS, STUDENTS WHO HAVE RECEIVED CLASS OR UNIVERSITY HONORS, OR STUDENTS WHO HAVE RECEIVED CONSENT OF THE INSTRUCTOR.

STUDENTS ENROLLED IN SECTION A MUST ALSO BE CONCURRENTLY ENROLLED IN SECTION A4 OF HP. ED. 201. THE CONTENT OF THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS WILL UNDERSTAND THE RELATIONSHIP BETWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.

OPEN ONLY TO STUDENTS ENROLLED IN TEACHER EDUCATION PROGRAMS.

STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF 2 HOURS OF EXPERIMENTS OUTSIDE OF CLASS.

22535	LECT-DISC	A	9-12	TU	317	D K H
22446	LECT-DISC	*A1	8	MTUWTHF	162	EDUC
22381	LECT-DISC	B	9	M W F	166	EDUC
22454	LECT-DISC	*B1	9	MTUWTHF	162	EDUC
22462	LECT-DISC	*B2	9	MTUWTHF	143	ARMORY
22390	LECT-DISC	C	10	M W F	143	ARMORY
22471	LECT-DISC	*C1	10	MTUWTHF	162	EDUC
22489	LECT-DISC	*C2	10	MTUWTHF	125	D K H
22403	LECT-DISC	D	11	M W F	143	ARMORY
22411	LECT-DISC	D1	11	M W F	125	D K H
22497	LECT-DISC	*D2	11	MTUWTHF	162	EDUC
22501	LECT-DISC	*X	12	MTUWTHF	162	EDUC
22420	LECT-DISC	E	1	M W F	143	ARMORY
22519	LECT-DISC	*E1	1	MTUWTHF	2	EDUC
22438	LECT-DISC	F	2	M W F	143	ARMORY
22527	LECT-DISC	*G	3	M W F	125	D K H

EDPSY 236 CHILD DEVELOPMENT FOR ELEMENTARY TEACHERS.

PREREQUISITE: PSYCH. 100.

3 HOURS

STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF TWO HOURS OF EXPERIMENTS OUTSIDE OF CLASS.

22543	LECT-DISC	A	8	M W F	19	D K H
22551	LECT-DISC	B	9	M W F	19	D K H
22560	LECT-DISC	C	10	M W F	19	D K H
22578	LECT-DISC	D	11	M W F	19	D K H
22586	LECT-DISC	X	12	M W F	192	EDUC
22594	LECT-DISC	E	1	M W F	19	D K H
22608	LECT-DISC	F	2	M W F	19	D K H

EDPSY 249 INDEPENDENT STUDY.

PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.

2 HOURS

22616	CONF	APP
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EDPSY 291 THESIS.

PREREQUISITE: SENIOR STANDING

2 HOURS

22624	CONF	APP
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EDPSY 292 THESIS.

PREREQUISITE: SENIOR STANDING.

2 HOURS

22632	CONF	APP
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

EDPSY 311 PSYCHOLOGY OF LEARNING FOR TEACHERS.

PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE,
AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT

*SECTION A1 IS RECOMMENDED FOR STUDENTS IN CROSS CULTURAL EDUCATION.
*SECTION 2 IS RECOMMENDED FOR STUDENTS IN COUNSELOR EDUCATION.

22641	LECT-DISC A	1-3	M	166	EDUC	BLAIR
22705	LECT-DISC *A1	4-6	M	1	EDUC	
22659	LECT-DISC B	1-3	TH	166	EDUC	
22667	LECT-DISC B1	7-9PM	TU	2	EDUC	
22675	LECT-DISC C	7-9PM	W	162	EDUC	
22691	LECT-DISC *B	4-6	W	162	EDUC	DELANEY
22683	LECT-DISC D1	4-6	TH	162	EDUC	MORGES

EDPSY 312 MENTAL HYGIENE AND THE SCHOOL.

PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE,
AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT

*RECOMMENDED FOR STUDENTS IN COUNSELOR EDUCATION.

22713	LECT-DISC A	1-3	M	162	EDUC	
22721	LECT-DISC B	7-9PM	TU	162	EDUC	
22730	LECT-DISC B1	4-6	TU	36	COM W	
22748	LECT-DISC C	4-6	W	36	COM W	
22756	LECT-DISC C1	7-9PM	W	192	EDUC	
22764	LECT-DISC *D	1-3	TH	162	EDUC	MASUCCI

EDPSY 339 CORRECTIVE READING.

SAME AS EL. ED. 339.

PREREQUISITE: EL. ED. 335 OR 338.

3 HOURS OR 1 UNIT

MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.

22772	LECT-DISC U	4-6	TU	10	EDUC	BENNETT
22781	LECT-DISC H	4-6	W	10	EDUC	BENNETT

EDPSY 343 INDIVIDUAL INTELLIGENCE TESTING.

PREREQUISITE: CONSENT OF INSTRUCTOR AND SIX HOURS OF PSYCHOLOGY
AND SP. ED. 324, OR EDPSY. 392 OR PSYCH. 390.

3 HOURS OR 1 UNIT

*LABORATORY HOURS TO BE ARRANGED.

22799	LECT-DISC A	*8-10	M W	125	E P G B	NEWLAND
22302	LECT-DISC B	*330-530	TU TH	125	E P G B	MCGUIRE

EDPSY 390 ELEMENTS OF EDUCATIONAL STATISTICS.

3 HOURS OR 1 UNIT

*FOR STUDENTS IN MEDICAL EDUCATION PROGRAM.

22811	LECT-DISC A	1-3	M W	242	EDUC	
22829	LECT-DISC B	4-6	TU TH	242	EDUC	
22837	LECT-DISC *X	ARR				REZLER

EDPSY 391 CONSTRUCTION AND USE OF TESTS IN TEACHING.

PREREQUISITE: ED. PSY. 211 OR 236.

4 HOURS OR 1 UNIT

22845	LECT-DISC	4-6	TU	162	EDUC	GRONLUND
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EDPSY 392 INTRODUCTION TO THE PRINCIPLES OF MEASUREMENT.

PREREQUISITE: ED. PSY. 211 OR 236.

4 HOURS OR 1 UNIT

22853	LECT-DISC A	1-3	W	166	EDUC	GRONLUND
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COURSES FOR GRADUATES

EDPSY 411 PSYCHOLOGY OF ADOLESCENCE FOR TEACHERS.

PREREQUISITE: ED. PSY. 311 AND 312.

1 UNIT

22861	LECT-DISC A	4-6	W	166	EDUC	BLAIR
22870	LECT-DISC B	1-3	TH	166	EDUC	

EDPSY 412 ADVANCED CHILD DEVELOPMENT FOR STUDENTS OF EDUCATION.

PREREQUISITE: ED. PSY. 311 AND 312.

1 UNIT

22888	LECT-DISC A	1-3	M	385	EDUC	
22896	LECT-DISC B	1-3	W	150	ARMORY	

EDPSY 413 SOCIAL PSYCHOLOGY AND THE PROBLEMS OF EDUCATION.
 PREREQUISITE: ED. PSY. 311, 312 AND 390.
 1 UNIT
 22900 LECT-DISC 1-3 TU 1 EDUC SIMPSON

EDPSY 415 PSYCHOLOGICAL THEORIES APPLIED TO EDUCATION.
 PREREQUISITE: ED. PSY. 311 AND 312, 411 OR 412, CANDIDACY
 FOR ED. D. OR PH. D. IN EDUCATION.
 1 UNIT
 22918 LECT-DISC A 1-3 TU 385 EDUC BLAIR
 22926 LECT-DISC B 4-6 TH 385 EDUC

EDPSY 422 BASIC PRINCIPLES OF COUNSELING.
 PREREQUISITE: ED. PSY. 311 AND 312.
 1 UNIT
 22934 LECT-DISC 9-1 F 2 EDUC LONG

EDPSY 423 THE USE OF TESTS IN GUIDANCE.
 PREREQUISITE: ED. PSY. 390, 392 AND 422 OR EQUIVALENTS.
 1 UNIT
 22942 LECT-DISC 1-3 TU 192 EDUC PHILLIPS

EDPSY 424 SUPERVISED PRACTICE IN COUNSELING.
 PREREQUISITE: MASTER'S DEGREE IN GUIDANCE AND
 CONSENT OF FACULTY COMMITTEE.
 2 UNITS
 22951 CONF A 8-10 M 6 COM W KACZKOWSKI
 A 9-11 F 6 COM W
 22969 CONF B 8-10 TU 6 COM W LONG
 B 9-11 F 6 COM W
 22977 CONF C 10-12 M 6 COM W ZACCARIA
 C 9-11 F 6 COM W

EDPSY 425 PRINCIPLES OF GUIDANCE.
 *CREDIT IS NOT GIVEN IN BOTH ED. PSY. 325 AND 425.
 *1 UNIT
 22985 LECT-DISC 7-9PM M 36 COM W KACZKOWSKI

EDPSY 427 PRINCIPLES AND TECHNIQUES OF GROUP GUIDANCE.
 PREREQUISITE: ED. PSY. 311, 312, 422, 423, AND EITHER 325 OR 425,
 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 22993 LECT-DISC A 1-3 TH 385 EDUC MOSES
 A 3-5 TH 1 EDUC
 23000 LECT-DISC B 1-3 W 162 EDUC MASUCCI
 B 3-5 W 389 EDUC

EDPSY 429 THE ANALYSIS AND USE OF OCCUPATIONAL INFORMATION IN GUIDANCE
 PROGRAMS.
 PREREQUISITE: ED. PSY. 425 OR AN INTRODUCTORY COURSE IN COUNSELING.
 1 UNIT
 23018 LECT-DISC 4-6 W 1 EDUC ZACCARIA

EDPSY 429 FIELD INSTRUCTION IN COUNSELING.
 PREREQUISITE: ED. PSY. 422 AND 424 (WITH CONSENT OF INSTRUCTOR,
 REGISTRATION IN ED. PSY. 424 MAY BE CONCURRENT).
 1 OR 2 UNITS
 23026 CONF ARR STAFF

EDPSY 447 SEMINAR IN REHABILITATION COUNSELING.
 PREREQUISITE: ED. PSY. 326 AND 422.
 *MAY BE REPEATED FOR A MAXIMUM OF ONE UNIT.
 *1/2 UNIT
 23034 LECT-DISC 1-3 M 28 EDUC MOSES

EDPSY 449 INDEPENDENT STUDY.
 PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
 DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
 *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
 *1/2 OR 1 UNIT
 23042 CONF ARR STAFF

EDPSY 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
 OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
 FOR THE DEGREES OF PH.D. OR ED.D.
 0 TO 2 UNITS
 *SECTION A TOPIC: GROUP COUNSELING.
 *SECTION B TOPIC: COUNSELING THEORY.
 *SECTION C TOPIC: COUNSELING THEORY.
 *SECTION D TOPIC: COMPUTER USES IN EDUCATION.

23051	LECT-DISC	*A	ARR					STAFF
23069	LECT-DISC	*B	ARR					PATTERSON
23077	LECT-DISC	*C	ARR					PATTERSON
23085	LECT-DISC	*D	10-12	TH	242	EDUC		CHADBOURN

EDPSY 491 FIELD STUDY AND THESIS SEMINAR.
 LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
 1 TO 2 UNITS

23093	CONF	A	ARR					PATTERSON
23107	CONF	B	ARR					STAFF

EDPSY 492 PSYCHOLOGY OF LEARNING AND INSTRUCTION.
 SAME AS PSYCH. 492.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

23115	LECT-DISC		10-12	TU	8	L H		ANDERSON
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EDPSY 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
 SAME AS PSYCH. AND SOC. 494.
 PREREQUISITE: ED. PSY. 496 OR PSYCH. 307, CONSENT OF INSTRUCTOR.
 1 UNIT

23123	LECT		10-12	F	13	PSYCH BLDG		
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EDPSY 495 THEORY OF MEASUREMENT.
 SAME AS PSYCH. 495.
 PREREQUISITE: ED. PSY. 496 OR PSYCH. 307, OR EQUIVALENT
 ED. PSY. 392 OR PSYCH. 390 OR EQUIVALENT.
 1 UNIT

23131	LECT-DISC		3-5	M W	150	ARMORY		WARDROP
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EDPSY 496 STATISTICAL METHODS IN EDUCATION.
 PREREQUISITE: ED. PSY. 390.
 1 UNIT
 *LABORATORY HOURS TO BE ARRANGED.

23140	LECT-DISC	A	*1-3	M W	389	EDUC		
23158	LECT-DISC	B	*2-4	TU TH	36	COM W		

EDPSY 499 THESIS RESEARCH.
 0 TO 4 UNITS

23166	CONF		ARR					STAFF
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ELECTRICAL ENGINEERING

DEPARTMENT OFFICE

155 E E B

COURSES FOR UNDERGRADUATES

E E 114 WIRING AND ILLUMINATION.
 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
 *ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *3 HOURS
 23174 LECT C 10 M W F 151 E E B

COURSES FOR ADVANCED UNDERGRADUATES

E E 220 BASIC ELECTRICAL ENGINEERING.
 PREREQUISITE: PHYS. 106 AND 107, AND MATH 143.
 *CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260. ELECTRICAL
 ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *3 HOURS
 23182 DISC M1 9-1020 TU TH 59 E E B
 23191 DISC P1 1030-12 TU TH 59 E E B
 23204 DISC D1 11 M W F 57 E E B
 23212 DISC X1 12 M W F 59 E E B
 23221 DISC X2 12 M W F 57 E E B
 23239 DISC F1 1 M W F 59 E E B
 23247 DISC E2 1 M W F 57 E E B
 23255 DISC H1 4 M W F 57 E E B

E E 229 INTRODUCTION TO ELECTROMAGNETIC FIELDS.
 PREREQUISITE: PHYS. 107 AND MATH. 345.
 3 HOURS
 23263 DISC A1 8 M W F 170 E E B
 23271 DISC B1 9 M W F 170 E E B
 23280 DISC E1 1 M W F 170 E E B
 23298 DISC G1 3 M W F 269 E E B
 23301 DISC G2 3 M W F 57 E E B

E E 230 APPLICATION AND CONTROL OF MOTORS AND EQUIPMENT.
 PREREQUISITE: E. E. 220.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *2 HOURS
 23310 DISC L1 8 TU TH 57 E E B
 23328 DISC L2 8 TU TH 59 E E B
 23336 DISC R1 1 TU TH 169 E E B

E E 231 POWER EQUIPMENT LABORATORY.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 230.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *1 HOUR
 STUDENTS MUST REGISTER IN LECTURE AND ANY ONE LAB.
 23344 LECT A 9 TH 269 E E B
 23352 LAB M1 9-11 TU 50E E E B
 23361 LAB S1 2-4 TU 50E E E B
 23379 LAB U1 4-6 TU 50E E E B
 23387 LAB S2 2-4 TH 50E E E B
 23395 LAB U2 4-6 TH 50E E E B
 23409 LAB N3 4-6 W 50E E E B

E E 232 ELECTRONICS AND ELECTRONICS APPLICATIONS.
 PREREQUISITE: E. E. 220.
 *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
 *2 HOURS
 23417 DISC L1 8 TU TH 141 E E B
 23425 DISC L2 8 TU TH 170 E E B
 23433 DISC R1 1 TU TH 59 E E B
 23441 DISC R2 1 TU TH 170 E E B
 23450 DISC S1 2 TU TH 170 E E B

F E	233	ELECTRONICS LABORATORY.									
		PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 232.									
		*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.									
		*1 HOUR									
	23468	LAB	L	9-12	TU	236	E E B				
	23476	LAB	M	3-6	M	236	E E B				
	23484	LAB	N	3-6	TU	236	E E B				
	23492	LAB	C	9-12	TH	236	E E B				
	23506	LAB	P	3-6	W	236	E E B				
	23514	LAB	Q	3-6	TH	236	E E B				
	23522	LAB	R	9-12	S	236	E E B				
E F	234	ELECTRICAL INSTRUMENTS AND MEASUREMENTS.									
		PREREQUISITE: E. E. 220.									
		*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.									
		*2 HOURS									
	23531	DISC	L1	8	TU TH	169	E E B				
	23549	DISC	S1	2	TU TH	169	E E B				
	23557	DISC	S2	2	TU TH	59	E E B				
E F	235	ELECTRICAL MEASUREMENT LABORATORY.									
		PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 234.									
		*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.									
		*1 HOUR									
	23565	LAB	M	9-12	TU	50J	E E B				
	23573	LAB	N	3-6	TU	50J	E E B				
	23581	LAB	C	9-12	TH	50J	E E B				
	23590	LAB	P	3-6	TH	50J	E E B				
E F	246	PROJECT LABORATORY.									
		PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING AND CONSENT OF INSTRUCTOR.									
		2 TO 4 HOURS									
		*SECTION P IS INTEGRATED CIRCUIT PROJECTS FOR 2 HOURS CREDIT.									
	23603	CONF	*P	3-5	TH	50M	E E B				CROTHERS
E E	251	ELECTRICAL ENGINEERING LABORATORY, I.									
		PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 220 OR 260.									
		1 HOUR									
		STUDENTS MUST REGISTER IN LECTURE AND IN ANY ONE LAB.									
	23611	LECT	A	8	TU	151	E E B				
	23620	LAB	N	10-12	TU	50H	E E B				
	23638	LAB	C	12-2	TU	50H	E E B				
	23646	LAB	P	2-4	TU	50H	E E B				
	23654	LAB	Q	4-6	TU	50H	E E B				
	23662	LAB	R	4-6	W	50H	E E B				
	23671	LAB	S	8-10	TH	50H	E E B				
	23689	LAB	T	10-12	TH	50H	E E B				
	23697	LAB	U	12-2	TH	50H	E E B				
	23701	LAB	V	2-4	TH	50H	E E B				
	23719	LAB	W	4-6	TH	50H	E E B				
	23727	LAB	X	4-6	F	50H	E E B				
	23735	LAB	Y	8-10	S	50H	E E B				
	23743	LAB	Z	10-12	S	50H	E E B				
F F	260	NETWORKS, I.									
		PREREQUISITE: PHYS. 107; CREDIT OR REGISTRATION IN C. S. 101, E. E. 251, AND MATH. 345.									
		*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260.									
		*3 HOURS									
		SECTION EC IS AN HONORS SECTION.									
	23751	DISC	A1	8	M W F	141	E E B				
	23760	DISC	B1	9	M W F	254	E E B				
	23778	DISC	B2	9	M W F	141	E E B				
	23786	DISC	C1	10	M W F	141	E E B				
	23794	DISC	P1	1030-12	TU TH	170	E E B				
	23808	DISC	D1	11	M W F	59	E E B				
	23816	DISC	X1	12	M W F	141	E E B				
	23824	DISC	X2	12	M W F	169	E E B				
	23832	DISC	H1	4	M W F	141	E E B				
	23841	DISC	EC	10	M W F	59	E E B				

E F 262 NETWORKS, II.
PREREQUISITE: E. E. 260, MATH. 345, AND C. S. 101.
3 HOURS

23859	DISC	A1	8	M	W	F	250	E	E	B
23867	DISC	C1	10	M	W	F	250	E	E	B
23875	DISC	D1	11	M	W	F	269	E	E	B
23883	DISC	D2	11	M	W	F	250	E	E	B
23891	DISC	H1	4	M	W	F	269	E	E	B
23905	DISC	H2	4	M	W	F	250	E	E	B

E E 266 PROBABILISTIC METHODS IN ELECTRICAL ENGINEERING.
PREREQUISITE: E. E. 260, OR JUNIOR STANDING IN ELECTRICAL ENGINEERING.
3 HOURS

23913	DISC	X1	9-1020	TU	TH		169	E	E	B
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F E 271 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS
*SECTION 01 IS ULTRASONIC TECHNIQUES FOR 3 HOURS CREDIT.

23921	DISC	M1	830-10	TU	TH		260	E	E	B
23930	DISC	N1	10-1120	TU	TH		250	E	E	B
23972	DISC	*D1	11	M	W	F	170	E	E	B
23948	DISC	X1	12	M	W	F	250	E	E	B
23956	DISC	R1	1-220	TU	TH		250	E	E	B
23964	DISC	T1	230-4	TU	TH		260	E	E	B

DUNN-O'BRIEN

E E 272 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS

23981	CONF	K1	ARR
23999	CONF	K2	ARR
24005	CONF	K3	ARR

E E 288 ECONOMIC ASPECTS OF ENGINEERING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS

24013	DISC	B1	9	M	W	F	59	E	E	B
24021	DISC	G1	3	M	W	F	59	E	E	B
24030	DISC	F1	4	M	W	F	59	E	E	B

E E 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
SAME AS C. S. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
3 HOURS

24048	LECT	D	11	M	W	F	151	E	E	B
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MURRELL

E E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS

24056	CONF	EK1	ARR
24064	CONF	EK2	ARR

E E 297 HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS

24072	DISC	6B	9	M	W	F	57	E	E	B
24081	DISC	6E	1	M	W	F	162	E	E	B

E E 299 THESIS.
0 TO 3 HOURS
24099 CONF K1 ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

E E 310 SYSTEMS, I.
PREREQUISITE: E. E. 262.
3 HOURS, OR 0 TO 3/4 UNIT
*SECTION 6D IS AN HONORS SECTION.

24170	DISC	*6D	11	M	W	F	162	E	E	B
24102	DISC	A1	8	M	W	F	260	E	E	B
24111	DISC	B1	9	M	W	F	260	E	E	B
24129	DISC	D1	11	M	W	F	260	E	E	B
24137	DISC	F1	2	M	W	F	269	E	E	B
24145	DISC	F2	2	M	W	F	250	E	E	B
24153	DISC	G1	3	M	W	F	170	E	E	B
24161	DISC	H1	4	M	W	F	170	E	E	B

E E 321 INTRODUCTION TO CONTROLLED THERMONUCLEAR FUSION.
SAME AS NUC. E. 321.
PREREQUISITE: SENIOR OR GRADUATE STANDING; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT

24188	LECT	D	11	M	W	F	203	N	E	L
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E E 323 CIRCUIT LABORATORY.
PREREQUISITE: E. E. 251 AND 262; CREDIT OR REGISTRATION IN E. E. 350.
1 HOUR, OR 0 OR 1/4 UNIT

24196	LAB	M	3-6	M			132	E	E	B
24200	LAB	N	9-12	TU			132	E	E	B
24218	LAB	O	12-3	TU			132	E	E	B
24226	LAB	P	3-6	TU			132	E	E	B
24234	LAB	Q	3-6		W		132	E	E	B
24242	LAB	R	9-12		TH		132	E	E	B
24251	LAB	S	12-3		TH		132	E	E	B
24269	LAB	T	3-6		TH		132	E	E	B

E E 324 INTRODUCTION TO NETWORK SYNTHESIS.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 310.
3 HOURS, OR 0 TO 1 UNIT

24277	DISC	D1	11	M	W	F	254	E	E	B
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E E 330 MAGNETIC CIRCUITS AND TRANSFORMERS.
PREREQUISITE: E. E. 229 AND 262.
3 HOURS, OR 0 OR 3/4 UNIT

24285	DISC	B1	9	M	W	F	257	E	E	B
24293	DISC	X1	12	M	W	F	254	E	E	B
24307	DISC	E1	1	M	W	F	269	E	E	B
24315	DISC	E2	1	M	W	F	257	E	E	B
24323	DISC	F1	2	M	W	F	257	E	E	B
24331	DISC	G1	3	M	W	F	250	E	E	B

E E 331 MAGNETIC CIRCUITS AND TRANSFORMER LABORATORY.
PREREQUISITE: E. E. 251; CREDIT OR REGISTRATION IN E. E. 330.
1 HOUR, OR 0 OR 1/4 UNIT

24340	LAB	M	9-12	TU			50K	E	E	B
24358	LAB	N	12-3	TU			50K	E	E	B
24366	LAB	O	3-6	TU			50K	E	E	B
24374	LAB	P	3-6		W		50K	E	E	B
24382	LAB	Q	9-12		TH		50K	E	E	B
24391	LAB	R	12-3		TH		50K	E	E	B
24404	LAB	S	3-6		TH		50K	E	E	B

E E 336 ADVANCED ANALYSIS OF ELECTRIC POWER EQUIPMENT.
PREREQUISITE: E. E. 330 AND 331.
4 HOURS, OR 0 OR 1 UNIT

24412	DISC	C	10	M	W	F	162	E	E	B
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E F	340	ELECTRONICS, I.									
		PREREQUISITE: PHYCS. 108 AND E. E. 260.									
		3 HOURS, OR 0 OR 3/4 UNIT									
	24421	DISC	B1	9	M	W	F	269	E	E	B
	24439	DISC	B2	9	M	W	F	250	E	E	B
	24447	DISC	X1	12	M	W	F	170	E	E	B
	24455	DISC	E1	1	M	W	F	141	E	E	B
	24463	DISC	E2	1	M	W	F	254	E	E	B
	24471	DISC	H1	4	M	W	F	260	E	E	B
E E	341	ELECTRONICS EXPERIMENTATION.									
		PREREQUISITE: E. E. 251, CREDIT OR REGISTRATION IN E. E. 340.									
		1 HOUR, OR 0 OR 1/4 UNIT									
		STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB.									
	24480	LECT	A	8	TU			269	E	E	B
	24498	LECT	B	1	TU			269	E	E	B
	24501	LAB	M	10-12	TU			235	E	E	B
	24510	LAB	N	2-4	TU			235	E	E	B
	24528	LAB	O	4-6	TU			235	E	E	B
	24536	LAB	P	8-10		TH		235	E	E	B
	24544	LAB	Q	10-12		TH		235	E	E	B
	24552	LAB	R	12-2		TH		235	E	E	B
	24561	LAB	S	2-4		TH		235	E	E	B
	24579	LAB	T	4-6		TH		235	E	E	B
	24587	LAB	U	10-12		S		235	E	E	B
E F	342	ADVANCED ELECTRONICS.									
		PREREQUISITE: E. E. 262, 340, AND 341.									
		3 HOURS, OR 0 OR 3/4 UNIT									
		*SECTION 6C IS AN HONORS SECTION.									
	24595	DISC	A1	8	M	W	F	257	E	E	B
	24609	DISC	C1	10	M	W	F	257	E	E	B
	24617	DISC	D1	11	M	W	F	257	E	E	B
	24625	DISC	X1	12	M	W	F	269	E	E	B
	24633	DISC	X2	12	M	W	F	257	E	E	B
	24641	DISC	G1	3	M	W	F	257	E	E	B
	24650	DISC	H1	4	M	W	F	257	E	E	B
	24668	DISC	*6C	10	M	W	F	57	E	E	B
E F	343	ELECTRONICS LABORATORY									
		PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.									
		1 HOUR, OR 0 OR 1/4 UNIT									
	24676	LAB	M	3-6	M			238	E	E	B
	24684	LAB	N	9-12	TU			238	E	E	B
	24692	LAB	O	12-3	TU			238	E	E	B
	24706	LAB	P	3-6	TU			238	E	E	B
	24714	LAB	Q	3-6		W		238	E	E	B
	24722	LAB	R	9-12		TH		238	E	E	B
	24731	LAB	S	12-3		TH		238	E	E	B
	24749	LAB	T	3-6		TH		238	E	E	B
	24757	LAB	U	3-6		F		238	E	E	B
	24765	LAB	V	8-11		S		238	E	E	B
E E	344	THEORY AND FABRICATION OF SOLID STATE DEVICES.									
		PREREQUISITE: E. E. 340.									
		4 HOURS OR 1 UNIT									
		STUDENTS MUST REGISTER IN ONE DISC. AND IN ONE LAB.									
	24773	DISC	A1	8	M	W	F	59	E	E	B
	24781	DISC	E1	1	M	W	F	250	E	E	B
	24790	LAB	M	2-5	M			133	E	E	B
	24803	LAB	N	9-12	TU			133	E	E	B
	24811	LAB	O	2-5	TU			133	E	E	B
	24820	LAB	P	9-12		TH		133	E	E	B
	24838	LAB	Q	2-5		TH		133	E	E	B
E E	347	INDUSTRIAL ELECTRONICS.									
		PREREQUISITE: E. E. 330 AND 342.									
		*CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.									
		*4 HOURS, OR 0 OR 1 UNIT									
		STUDENTS MUST REGISTER IN THE DISCUSSION AND IN ONE LAB.									
	24846	DISC	G1	3	M	W	F	162	E	E	B
	24854	LAB	M	9-12		TH		50N	E	E	B
	24862	LAB	N	2-5		TH		50N	E	E	B

E F 350 LINES, FIELDS, AND WAVES.
 PREREQUISITE: E. E. 229 AND 262.
 3 HOURS OR 3/4 UNIT
 *SECTION 6B IS AN HONORS SECTION.

24971	DISC	A1	8	M W F	254	E E B
24889	DISC	A2	8	M W F	269	E E B
24897	DISC	C1	10	M W F	254	E E B
24901	DISC	F1	2	M W F	254	E E B
24919	DISC	G1	3	M W F	254	E E B
24927	DISC	H1	4	M W F	254	E E B
24935	DISC	*6B	9	M W F	162	E E B

E F 352 ELECTROMAGNETIC FIELDS.
 PREREQUISITE: E. E. 350.
 3 HOURS OR 3/4 UNIT

24943	DISC	A1	8	M W F	57	E E B
24951	DISC	C1	10	M W F	169	E E B
24960	DISC	F1	2	M W F	141	E E B
24978	DISC	F2	2	M W F	59	E E B
24986	DISC	H1	4	M W F	169	E E B

E E 353 RADIO CIRCUITS.
 PREREQUISITE: E. E. 341; CREDIT OR REGISTRATION IN E. E. 310.
 4 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.

24994	DISC	C1	10	M W F	260	E E B
25001	DISC	F1	2	M W F	260	E E B
25019	LAB	M	9-12	TU	246	E E B
25027	LAB	N	12-3	TU	246	E E B
25035	LAB	O	9-12	TH	246	E E B
25043	LAB	P	12-3	TH	246	E E B

E E 355 FIELDS AND WAVES.
 PREREQUISITE: E. E. 229 AND 350, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 0 OR 3/4 UNIT

25051	DISC	A1	8	M W F	162	E E B
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E E 356 MICRO WAVE TECHNIQUES.
 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 352 OR 355.
 1 HOUR, OR 0 OR 1/4 UNIT

25060	LAB	M	9-12	TU	251	E E B
25078	LAB	N	12-3	TU	251	E E B
25086	LAB	O	12-3	TH	251	E E B

E E 359 INTRODUCTION TO NOISE AND INFORMATION TRANSMISSION.
 PREREQUISITE: E. E. 310.
 3 HOURS, OR 3/4 OR 1 UNIT

25094	DISC	M	9-1020	TU TH	141	E E B
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E E 366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
 SAME AS ASTR. AND PHYCS. 366.
 PREREQUISITE: PHYCS. 342, 321, AND 381; OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT

25108	LECT	T	230-4	TU TH	137	P B
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E E 367 ACTIVE NETWORKS.
 PREREQUISITE: E. E. 342.
 3 HOURS OR 3/4 UNIT

25116	DISC	E1	1	M W F	169	E E B
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E F 373 ENGINEERING ACOUSTICS.
 SAME AS T. A. M. 373.
 PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 TO 1 UNIT

25124	DISC	D	11	M W F	169	E E B
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E E 376 SYMMETRICAL COMPONENT ANALYSIS OF POWER SYSTEMS.
 PREREQUISITE: E. E. 350.
 3 HOURS, OR 0 OR 1 UNIT

25132	DISC	F1	2	M W F	162	E E B
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E E 378 ELECTRIC POWER NETWORKS.
 PREREQUISITE: E. E. 350, CREDIT OR REGISTRATION IN E. E. 332.
 3 HOURS, OR 0 OR 1 UNIT
 25141 DISC H1 4 M W F 162 E E B

E E 381 PULSE TECHNIQUES.
 PREREQUISITE: E. E. 342.
 *CREDIT IS NOT GIVEN FOR BOTH F. E. 347 AND E. E. 381.
 ¾ HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
 25159 LECT C1 10 M W F 269 E E B
 25167 LAB M 9-12 TU 234 E E B
 25175 LAB N 12-3 TU 234 E E B
 25183 LAB O 9-12 TH 234 E E B
 25191 LAB P 1-4 TH 234 E E B

E E 382 TRANSISTOR CIRCUITS.
 PREREQUISITE: E. E. 340, 342 AND 343, CREDIT OR REGISTRATION IN
 E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.
 25205 DISC B1 9 M W F 169 E E B
 25213 DISC F1 2 M W F 169 E E B
 25221 DISC G1 3 M W F 169 E E B
 25230 LAB M 9-12 TU 241 E E B
 25248 LAB N 9-12 TH 241 E E B

E F 383 TRANSISTOR CIRCUITS.
 PREREQUISITE: E. E. 342 AND 343, CREDIT OR REGISTRATION IN
 E. E./MET. F. 384, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR ¾ UNIT
 25256 DISC B1 9 M W F 169 E E B
 25264 DISC F1 2 M W F 169 E E B
 25272 DISC G1 3 M W F 169 E E B

E E 384 PROPERTIES OF SOLIDS.
 SAME AS MET. E. 364.
 PREREQUISITE: PHYCS. 383
 3 HOURS OR ¾ UNIT
 25281 LECT-DISC B 9 M W F 119 M M B
 25299 LECT-DISC D 11 M W F 119 M M B
 25302 LECT-DISC G 3 M W F 151 E F B

E E 386 FUNDAMENTALS OF SERVOMECHANISMS.
 PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING, OR
 CONSENT OF INSTRUCTOR.
 4 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.
 25311 DISC E1 1 M W F 260 E E B
 25329 DISC G1 3 M W F 260 E E B
 25337 LAB M 9-12 TU 233 E E B
 25345 LAB N 12-3 TU 233 E E B
 25353 LAB O 9-12 TH 233 E E B
 25361 LAB P 12-3 TH 233 E E B

E E 387 INTRODUCTION TO QUANTUM ELECTRONICS FOR ELECTRICAL ENGINEERS.
 PREREQUISITE: PHYCS. 383.
 3 HOURS OR 1 UNIT
 25370 DISC A1 8 M W F 169 E E B

F E 388 ELECTRONIC ANALOG COMPUTERS.
 PREREQUISITE: E. E. 340, 341, MATH. 345 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 0 OR 1 UNIT
 STUDENTS MUST REGISTER IN DISCUSSION AND IN ONE LAB.
 25388 DISC N1 10-1120 TU TH 20 E E B
 25396 LAB R1 1-3 TU 262 E E B
 25400 LAB T1 3-5 TU 262 E E B

E E 389 COMMUNICATION DESIGN.
 PREREQUISITE: E. E. 342 AND E. E. 350.
 3 HOURS, OR 0 OR ¾ UNIT
 25418 DISC C1 10 M W F 170 E F B
 25426 DISC F1 2 M W F 170 E E B

E F 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
 SAME AS C. S. AND MATH. 391.
 PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 25434 LECT-DISC M1 10-1120 TU TH 119 M M B METZE

E F 392 INTRODUCTION TO AUTOMATA THEORY.
 SAME AS C. S. AND MATH. 392.
 PREREQUISITE: C. S., F. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 25442 LECT-DISC B1 9 M W F 165 A H MULLER
 25451 LECT-DISC D1 11 M W F 168 E E B

E F 397 PROJECTS AND LECTURES IN QUANTUM ELECTRONICS.
 PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR;
 RECOMMENDED E. E. 387.
 3 HOURS, OR 0 TO 1 UNIT
 25469 DISC S 2-320 TU TH 141 E E B

COURSES FOR GRADUATES

E E 400 SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS.
 0 CREDIT
 25477 LECT U 3 TH 151 E E B MERKELO

E F 414 ENGINEERING APPLICATIONS OF LINEAR GRAPHS.
 SAME AS C. S. 414.
 PREREQUISITE: E. E. 416, MATH. 315 OR 318.
 1 UNIT
 25485 DISC E 1 M W F 335 E E B MAYEDA

E E 415 CONTROL SYSTEM THEORY AND DESIGN.
 PREREQUISITE: E. E. 386 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 25493 DISC F 2 M W F 335 E E B KUO

E E 416 ANALYSIS OF NETWORKS AND SYSTEMS.
 PREREQUISITE: E. E. 322, CREDIT OR REGISTRATION IN MATH. 346
 OR 348.
 1 UNIT
 25507 DISC B 9 M W F 335 E E B WAX
 25515 DISC G 3 M W F 141 E E B YEH

E E 420 ELECTROMAGNETIC WAVES AND RADIATING SYSTEMS.
 PREREQUISITE: E. E. 352.
 1 UNIT
 25523 DISC C 10 M W F 335 E E B LEE
 25531 DISC D 11 M W F 141 E E B AKITT

E E 421 ADVANCED ELECTROMAGNETIC ENGINEERING.
 PREREQUISITE: E. E. 420.
 1 UNIT
 25540 DISC N 1030-12 TU TH 335 E E B DESCHAMPS

E E 423 GASEOUS ELECTRONICS AND PLASMAS.
 PREREQUISITE: PHYSCS. 362 AND E. E. 420 OR EQUIVALENT.
 1 UNIT
 25558 DISC G 3 M W F 335 E E B VERDEYEN &
 CHERRINGTON

E E 434 RANDOM PROCESSES AND LINEAR FILTERING.
 PREREQUISITE: MATH. 361 OR EQUIVALENT, OR E. E. 359.
 1 UNIT
 25566 DISC P 1030-12 TU TH 254 E E B HADDAD

E E 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
 SAME AS PHYSCS. 435.
 PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC
 PHYSICS.
 1 UNIT
 25574 LECT R 1-220 TU TH 137 P B HANDLER

E E	437	PRINCIPLES OF MICROWAVE MEASUREMENTS.							
		PREREQUISITE: E. E. 355 AND E. E. 356.							
		1 UNIT							
	25582	LAB-DISC	L	8	TU TH	254	E E B	DYSON	
			L	9-12	TH	251	E E B	DYSON	
E E	439	ADVANCED THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.							
		PREREQUISITE: E. E. 435 OR PHYSC. 435.							
		1 UNIT							
	25591	DISC	S	2-320	TU TH	335	E E B	SAH	
F E	445	POWER SYSTEM STABILITY.							
		PREREQUISITE: E. E. 440.							
		1 UNIT							
	25604	DISC	K	ARR				HELM	
E F	452	TIME-VARYING AND NONLINEAR CIRCUITS.							
		PREREQUISITE: E. F. 416 AND MATH. 346.							
		1 UNIT							
	25612	DISC	M	9-1020	TU TH	170	E E B	TRICK	
E E	453	OPTIMUM CONTROL SYSTEMS.							
		PREREQUISITE: E. E. 415.							
		1 UNIT							
	25621	DISC	D	11	M W F	335	E E B	PERKINS	
E F	456	CODING THEORY.							
		SAME AS C. S. 456.							
		PREREQUISITE: MATH. 317 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.							
		1 UNIT							
	25639	DISC	S	2-320	TU TH	254	E E B	CHIEN	
F E	465	TOPICS IN AUTOMATA THEORY.							
		SAME AS C. S. AND MATH. 465.							
		PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.							
		1 UNIT							
	25647	LECT-DISC	D1	11	M W F	247	A H	MULLER	
E E	472	QUANTUM ELECTRONICS.							
		PREREQUISITE: PHYCS. 381.							
		1 UNIT							
	25555	DISC	P	1-220	TU TH	260	E E B	GADDY	
E E	482	THEORY OF DIGITAL COMPUTER ARITHMETIC.							
		SAME AS C. S. 482.							
		PREREQUISITE: C. S. OR E. E. 394.							
		1 UNIT							
	25663	LECT-DISC	P	1030-12	TU TH	161	E E B	ROBERTSON	
E F	485	ADVANCED THEORY OF MAGNETIC AND OPTIC COMPUTER MEMORY DEVICES.							
		SAME AS C. S. 485.							
		PREREQUISITE: C. S. OR E. E. 385.							
		1 UNIT							
	25671	LECT-DISC	M	830-10	TU TH	161	E E B	FAIMAN	
E E	486	CONSTITUTION OF THE IONOSPHERE: AN INTRODUCTION TO AERONOMY.							
		SAME AS ASTR. 486.							
		PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING, PHYSICS, OR ASTRONOMY, MATH. 341 OR EQUIVALENT.							
		1 UNIT							
	25680	DISC	F	2	M W F	57	E E B	BOWHILL	

E E 490 SEMINAR IN SPECIAL TOPICS.
 PREREQUISITE: ADVANCED STANDING AND CONSENT OF INSTRUCTOR.
 0 TO 1/2 UNIT
 SECTION A IS AERONOMY.
 SECTION B IS ANTENNAS.
 SECTION C IS BIOLOGICAL COMPUTERS.
 SECTION D IS BIOACOUSTICS.
 SECTION E IS CHARGED PARTICLES.
 SECTION F IS OPTICAL ELECTRONICS.
 SECTION G IS ELECTRO-PHYSICS.
 SECTION H IS GASEOUS ELECTRONICS AND PLASMAS.
 SECTION I IS IONOSPHERICS.
 SECTION J IS RADIO ASTRONOMY.
 SECTION K IS SEMICONDUCTORS AND SOLID STATE DEVICES.
 SECTION L IS INFORMATION SCIENCE.
 SECTION M IS COGNITIVE MEMORY.
 SECTION N IS CONTROL AND OPTIMIZATION.
 SECTION O IS SPEECH PROCESSING.
 SECTION P IS COMPUTER-GUIDED EXPERIMENTATION.
 SECTION Q IS CONTROL SYSTEMS.

25698	LECT	A	4	TU	269	E E B	SECHRIST
25701	LECT	B	ARR				DESCHAMPS-
							MITTRA
25710	LECT	C	ARR				VON FOERSTER
25728	LECT	D	ARR				DUNN-FRY
25736	LECT	E	ARR				HENDRICKS
25744	LECT	F	ARR				GADDY-
							HOLSHOUSER
25752	LECT	G	ARR				COLEMAN
25761	LECT	H	ARR				GOLDSTEIN-
							MERKELO-
							VERDEYEN-
							CHERRINGTON
25779	LECT	I	ARR				YEH
25787	LECT	J	ARR				SWENSON
25795	LECT	K	ARR				BARDEEN-SAH-
							HOLONYAK
25809	LECT	L	ARR				CHIEN
25817	LECT	M	ARR				VON FOERSTER-
							CHIEN
25825	LECT	N	ARR				KOKOTOVIC-
							CRUZ-PERKINS
25833	LECT	O	ARR				BABCOCK
25841	LECT	P	ARR				NEAL
25850	LECT	Q	ARR				KUO

E F 497 ELECTRICAL ENGINEERING PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 1 UNIT
 *SECTION 01 ULTRASONIC TECHNIQUES FOR 1 UNIT CREDIT.
 *SECTION 41 INTRODUCTION TO COHERENT OPTICS AND HOLOGRAPHY
 FOR 1 UNIT CREDIT.

25868	DISC	A1	8	M W F	335	E E B	
25914	DISC	*D1	11	M W F	170	E E B	DUNN-O'BRIEN
25922	DISC	*M1	830-10	TU TH	335	E E B	MITTRA
25876	DISC	N1	10-1120	TU TH	257	E E B	
25884	DISC	X1	12	M W F	335	E E B	
25892	DISC	S1	130-3	TU TH	257	E E B	
25906	DISC	H1	4	M W F	335	E E B	

E E 498 INDIVIDUAL STUDY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS
 25931 CONF ARR

STAFF

E E 499 THESIS RESEARCH.
 1 TO 4 UNITS
 25949 CONF ARR

STAFF

ELEMENTARY EDUCATION

DEPARTMENT OFFICE

306 EDUC

COURSES FOR UNDERGRADUATES

EL ED 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

THIS SEMINAR WILL BE ON TEACHING IN THE INNER CITY.

*LECT-DISC. 1 IS CONCERNED WITH ELEMENTARY SCHOOL TEACHING AND IS

RELATED TO A SATURDAY SCHOOL PROJECT.

25957	LECT-DISC *	7-9PM M	166	COM W
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COURSES FOR ADVANCED UNDERGRADUATES

EL ED 230 PRINCIPLES, PROBLEMS AND ISSUES IN ELEMENTARY EDUCATION.

PREREQUISITE: MUST BE TAKEN CONCURRENTLY WITH ED. PR. 232.

3 HOURS

OPEN ONLY TO STUDENT TEACHERS. NOTE: FIRST MEETING FOR ALL

SECTIONS IN ROOM 2 EDUCATION BUILDING.

25965	LECT-DISC	1	7-10PM	TH	2	EDUC	
25973	LECT-DISC	2	7-10PM	TH	1	EDUC	WESTON
25981	LECT-DISC	3	7-10PM	TH	6	COM W	
25990	LECT-DISC	4	7-10PM	TH	8	COM W	
26006	LECT-DISC	5	7-10PM	TH	11	COM W	
26014	LECT-DISC	6	7-10PM	TH	20	COM W	
26022	LECT-DISC	7	7-10PM	TH	24	COM W	
26031	LECT-DISC	8	7-10PM	TH	91	COM W	
26049	LECT-DISC	9	7-10PM	TH	94	COM W	
26057	LECT-DISC	10	7-10PM	TH	96	COM W	
26065	LECT-DISC	11	7-10PM	TH	120	COM W	
26073	LECT-DISC	12	7-10PM	TH	28	COM W	

EL ED 233 CLASSROOM PROGRAMS IN CHILDHOOD EDUCATION.

PREREQUISITE: JUNIOR STANDING, ED. PSY. 236.

2 HOURS

26081	LECT-DISC	T	3-5	TH	192	EDUC	MATHENY
26090	LECT-DISC	T1	3-5	TU	382	EDUC	MATHENY

EL ED 235 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.

PREREQUISITE: JUNIOR STANDING.

3 HOURS.

*SECTIONS M AND M1 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

*ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION STUDENTS

ENROLL ONLY IN SECTIONS R AND M. STUDENTS IN OTHER CURRICULA ENROLL ONLY IN SECTIONS R1 AND M1.

26120	LECT-DISC	R	1	TH	389	EDUC	RODGERS
		R	1-3	TU	389	EDUC	
26138	LECT-DISC	R1	1-3	TU	389	EDUC	RODGERS
		R1	1	TH	389	EDUC	
26103	LECT-DISC	*M	9-11	TU TH	2	EDUC	MCGILL
		*M	3-5	W	2	EDUC	
26111	LECT-DISC	*M1	3-5	W	2	EDUC	MCGILL
		*M1	9-11	TU TH	2	EDUC	

EL ED 237 THEORY AND PROCESS IN ELEMENTARY SCHOOL TEACHING.

PREREQUISITE: ED. PSY. 236.

5 HOURS

THE PRACTICE SESSIONS ARE ONLY FOR THE SIX-WEEKS OBSERVATION PERIOD IN LOCAL SCHOOLS WHEN ALL SECTIONS WILL MEET 9-12 MTUWTHF.

STUDENTS SHOULD ENROLL IN ONE LAB-PRACTICE-LECTURE COMBINATION.

BECAUSE OF PLACEMENTS FOR THIS COURSE, ONLY STUDENTS IN ELEMENTARY

EDUCATION AND EARLY CHILDHOOD EDUCATION SHOULD ENROLL IN THESE

SECTIONS. ALL EARLY CHILDHOOD CURRICULUM STUDENTS MUST ENROLL IN

LECT. 2 AND LAB D1 COMBINATION. ALL ELEMENTARY EDUCATION STUDENTS

MUST ENROLL IN LECTURE 1-LAB A1 COMBINATION.

26146	LAB	A1	8-10	TU	385	EDUC	
	PRACT	A1	9	M WTHF	ARR		
		A1	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	EASLEY

EL ED 237	CONTINUED									
26154	LAB	A2	8-10	TH	385	EDUC				
	PRACT	A2	9	MTUW F	ARR					
		A2	10-12	TU THF	ARR					
	LECT	1	10-12	M W	2	EDUC			EASLEY	
26162	LAB	B1	8-10	TU	389	EDUC				
	PRACT	B1	9	M WTHF	ARR					
		B1	10-12	TU THF	ARR					
	LECT	1	10-12	M W	2	EDUC			EASLEY	
26171	LAB	B2	8-10	TH	389	EDUC				
	PRACT	B2	10-12	TU THF	ARR					
		B2	9	MTUW F	ARR					
	LECT	1	10-12	M W	2	EDUC			EASLEY	
26189	LAB	C1	10-12	TU	33	EDUC				
	PRACT	C1	9	MTUWTHF	ARR					
		C1	10-12	THF	ARR					
	LECT	1	10-12	M W	2	EDUC			EASLEY	
26197	LAB	C2	10-12	TH	382	EDUC				
	PRACT	C2	9	MTUWTHF	ARR					
		C2	10-12	TU F	ARR					
	LECT	1	10-12	M W	2	EDUC			EASLEY	
26201	LAB	*D1	10-12	F	328	D K H				
	PRACT	*D1	9	MTUWTHF	ARR					
		*D1	10-12	TU TH	ARR					
	LECT	*2	10-12	M W	328	D K H			WEIR	
26219	LAB	*D2	8-10	F	328	D K H				
	PRACT	*D2	9	MTUWTH	ARR					
		*D2	10-12	TU THF	ARR					
	LECT	*2	10-12	M W	328	D K H			WEIR	

EL ED 248 SPEECH CORRECTION METHODS IN THE SCHOOLS.

SAME AS SPCH. 248.

PREREQUISITE: SPCH. 388

3 HOURS

26227	LECT-DISC		10-12	TU TH	106	SP CLINIC	JOHNSON
			3-5	TH	106	SP CLINIC	JOHNSON

EL ED 249 INDEPENDENT STUDY.

PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.

2 HOURS

26235	CONF		ARR				STAFF
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EL ED 291 THESIS.

PREREQUISITE: SENIOR STANDING.

2 HOURS

26243	CONF		ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

EL ED 332 PRINCIPLES AND PRACTICES IN ELEMENTARY MATHEMATICS EDUCATION.

PREREQUISITE: MATH. 202 AND 203 OR EQUIVALENT.

3 HOURS, OR 1/2 OR 1 UNIT

*SECTION A1 IS FOR ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION STUDENTS ONLY. STUDENTS IN OTHER CURRICULA ENROLL IN SECTION A2.

26251	LECT-DISC	*A1	4-6	TU	125	D K H	LERCH
26260	LECT-DISC	*A2	4-6	TU	125	D K H	LERCH

EL ED 333 THE TEACHING OF LANGUAGE ARTS IN THE ELEMENTARY SCHOOL.

PREREQUISITE: EL. ED. 237 AND ED. PSY. 236.

3 HOURS, OR 1/2 TO 1 UNIT

SECTIONS A1, A2, C AND F OPEN ONLY TO STUDENT TEACHERS AND WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

SECTIONS A1, A2, A3, A4, C, C1, F, AND F1 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING. ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION STUDENTS MUST ENROLL ONLY IN SECTIONS A1, A2, C, F AND Y. STUDENTS IN OTHER CURRICULA MUST ENROLL ONLY IN SECTIONS A3, A4, C1, F1, AND Y1. GRADUATE STUDENTS SHOULD ENROLL IN SECTION Y.

26286	LECT-DISC	*A1	8-10	M W F	21	D K H	MOORE
26324	LECT-DISC	*A3	8-10	M W F	21	D K H	MOORE

EL ED 333 CONTINUED

26294	LECT-DISC	*A2	8-10	M	W	F	150	ARMORY	EVERTTS
26332	LECT-DISC	*A4	8-10	M	W	F	150	ARMORY	EVERTTS
26308	LECT-DISC	*C	10-12	M	W	F	36	COM W	SHEPHERD
26341	LECT-DISC	*C1	10-12	M	W	F	36	COM W	SHEPHERD
26316	LECT-DISC	*F	1-3	M	W	F	21	D K H	SHEPHERD
26359	LECT-DISC	*F1	1-3	M	W	F	21	D K H	SHEPHERD
26278	LECT-DISC	*Y	7-9PM	TU			36	COM W	EVERTTS
26367	LECT-DISC	*Y1	7-9PM	TU			36	COM W	EVERTTS

EL ED 334 PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION.

PREREQUISITE: EL. ED. 237.

3 HOURS, OR 1/2 OR 1 UNIT

*UNDERGRADUATE STUDENTS IN EARLY CHILDHOOD EDUCATION MUST ENROLL IN SECTION G1. OTHER UNDERGRADUATES MUST ENROLL IN SECTION G2.

GRADUATE STUDENTS SHOULD ENROLL IN SECTION U.

26383	LECT-DISC	*G1	3	M	W	F	1	EDUC	WEIR
26391	LECT-DISC	*G2	3	M	W	F	1	EDUC	WEIR
26375	LECT-DISC	U	4-6	TU			150	ARMORY	KATZ

EL ED 335 SCIENCE IN THE ELEMENTARY SCHOOL.

PREREQUISITE: EL. ED. 237, OR EQUIVALENT; TWO YEARS OF COLLEGE SCIENCE.

3 HOURS OR 1/2 UNIT

*LECT-LAB A1 OPEN ONLY TO STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA. LECT-LAB A2 OPEN TO STUDENTS IN CURRICULA OTHER THAN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION.

LABORATORY WILL BE OPEN DAILY. SEE SCHEDULE AT LAB. EXTRA LAB HOURS REQUIRED OF ALL SECTIONS.

*LECTURE B AND LAB B WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD AND ARE FOR STUDENT TEACHERS ONLY.

26413	LECT	*A1	1-3	M			4G	EDUC	WELLER
	LAB	*A1	ARR				4G	EDUC	
26421	LECT	*A2	1-3	M			4G	EDUC	WELLER
	LAB	*A2	ARR				4G	EDUC	
26405	LECT	*B	1-3	TU			4G	EDUC	ATKIN
	LAB	*B	ARR				4G	EDUC	

EL ED 336 FUNDAMENTALS OF READING TECHNIQUES.

SAME AS SE. ED. 336.

PREREQUISITE: JUNIOR STANDING; REGISTRATION IN A TEACHER EDUCATION CURRICULUM.

3 HOURS, OR 1/2 OR 1 UNIT

*SECTIONS A, A1, C, C1, C2, C3, E, AND E1 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD. SECTIONS X, Y, AND Z WILL NOT MEET DURING SIX-WEEK JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD. SECTIONS A, C, C2, C4, E, AND F ARE ONLY FOR STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA. SECTIONS C6 AND F2 ARE ONLY FOR SPECIAL EDUCATION STUDENTS. STUDENTS IN OTHER CURRICULA ENROLL IN SECTIONS A1, C, C3, C5, C7, E1, F1, OR F3.

26464	LECT-DISC	*A	8-10	M	W	F	1	EDUC	STOLL
26545	LECT-DISC	*A1	8-10	M	W	F	1	EDUC	STOLL
26472	LECT-DISC	*C	10-12	M	W	F	166	EDUC	DURKIN
26553	LECT-DISC	*C1	10-12	M	W	F	166	EDUC	DURKIN
26481	LECT-DISC	*C2	10-12	M	W	F	192	EDUC	BENNETT
26561	LECT-DISC	*C3	10-12	M	W	F	192	EDUC	BENNETT
26499	LECT-DISC	*C4	10	M	W	F	25	EDUC	BHOLOWIAK
26570	LECT-DISC	*C5	10	M	W	F	25	EDUC	BHOLOWIAK
26502	LECT-DISC	*C6	10	M	W	F	25	EDUC	BHOLOWIAK
26588	LECT-DISC	*C7	10	M	W	F	25	EDUC	BHOLOWIAK
26511	LECT-DISC	*E	1-3	M	W	F	36	COM W	STOLL
26596	LECT-DISC	*E1	1-3	M	W	F	36	COM W	STOLL
26529	LECT-DISC	*F	2	M	W	F	1	EDUC	BHOLOWIAK
26600	LECT-DISC	*F1	2	M	W	F	1	EDUC	BHOLOWIAK
26537	LECT-DISC	*F2	2	M	W	F	1	EDUC	BHOLOWIAK
26618	LECT-DISC	*F3	2	M	W	F	1	EDUC	BHOLOWIAK
26430	LECT-DISC	*X	8	MTUWTHF			166	EDUC	WALKER
26448	LECT-DISC	*Y	1	MTUWTHF			125	D K H	WALKER
26456	LECT-DISC	*Z	2-4	M	W		15	D K H	KOENKE
		*Z	2			F	15	D K H	KOENKE

EL ED 337 ART EDUCATION IN THE ELEMENTARY SCHOOL.

PREREQUISITE: JUNIOR STANDING.

3 HOURS OR 1/2 UNIT

*SECTIONS A AND A1 WILL NOT MEET DURING EIGHT WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

*SECTIONS A, C, F1, E3 AND F ARE FOR ONLY STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA. SECTIONS C3, E5, AND F2 ARE FOR STUDENTS IN ART EDUCATION ONLY. STUDENTS WHO ENROLL IN SECTION F OR F1 MUST ALSO ENROLL IN ART 203 SECTION D. SECTIONS A1, C1, E2, F4, F1, C4, E6, AND F3 ARE FOR STUDENTS IN CURRICULA OTHER THAN THOSE MENTIONED ABOVE.

26669	LECT-DISC	*A	8	MTUWTHF	245	COM W	LANSING
26707	LECT-DISC	*A1	8	MTUWTHF	245	COM W	LANSING
26677	LECT-DISC	*C	10	M W F	207	F A B	LANSING
26715	LECT-DISC	*C1	10	M W F	207	F A B	LANSING
26685	LECT-DISC	*E1	1	M W F	107	F A B	BREEN
26723	LECT-DISC	*E2	1	M W F	107	F A B	BREEN
26693	LECT-DISC	*E3	1	M W F	15	D K H	HARDIMAN
26731	LECT-DISC	*F4	1	M W F	15	D K H	HARDIMAN
26651	LECT-DISC	*F	2	M W F	107	F A B	ZUNICH
26740	LECT-DISC	*F1	2	M W F	107	F A B	ZUNICH
26626	LECT-DISC	*C3	10	M W F	207	F A B	LANSING
26758	LECT-DISC	C4	*10	M W F	207	F A B	LANSING
26634	LECT-DISC	*F5	1	M W F	15	D K H	HARDIMAN
26766	LECT-DISC	F6	*1	M W F	15	D K H	HARDIMAN
26642	LECT-DISC	*F2	2	M W F	107	F A B	ZERNICH
26774	LECT-DISC	F3	*2	M W F	107	F A B	ZERNICH

EL ED 339

CORRECTIVE READING.

SAME AS EDPSY. 339.

PREREQUISITE: EL. ED. 336 OR 338.

3 HOURS OR 1 UNIT

MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.

26782	LECT-DISC	U	4-6	TU	10	EDUC	BENNETT
26791	LECT-DISC	H	4-6	W	10	EDUC	BENNETT

EL ED 354

AUDIO-VISUAL COMMUNICATION.

SAME AS LIB. S. AND SE. ED. 354

PREREQUISITE: SENIOR OR GRADUATE STANDING.

3 HOURS, OR 1/2 OR 1 UNIT

STUDENT MUST ENROLL IN LECT-DISC AND EITHER LAB A OR B.

26804	LECT-DISC		4-6	TU	1	EDUC	ISAACS
26812	LAB	A	4-6	W	25	EDUC	ISAACS
26821	LAB	B	4-6	TH	28	EDUC	ISAACS

COURSES FOR GRADUATES

EL ED 431

ELEMENTARY SCHOOL CLASSROOM PROGRAMS.

1 UNIT

26839	LECT-DISC		7-9PM	M	192	EDUC	RODGERS
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EL ED 432

CLINICAL DIAGNOSIS AND REMEDIATION IN READING.

PREREQUISITE: EL. ED. 339 AND A COURSE IN INDIVIDUAL MENTAL TESTING.

*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.

*1 UNIT

MUST REGISTER IN ADVANCE WITH CLINIC DIRECTOR.

26847	LECT-DISC		4-6	TH	10	EDUC	KOENKE
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EL ED 433

CURRICULUM PROBLEMS AND TRENDS IN SPECIAL FIELDS OF ELEMENTARY EDUCATION.

PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF INSTRUCTOR; LANGUAGE ARTS SECTIONS, EL. ED. 333 AND 336 OR A COURSE IN THE TEACHING OF READING OR LANGUAGE ARTS, OR CONSENT OF INSTRUCTOR; CREATIVE ARTS SECTION, EL. ED. 337 OR CONSENT OF INSTRUCTOR; SCIENCE SECTION, EL. ED. 335 OR A METHODS COURSE IN TEACHING SCIENCE IN THE ELEMENTARY SCHOOL AND TWO YEARS OF COLLEGE SCIENCE, OR CONSENT OF INSTRUCTOR; READING SECTION, EL. ED. 336 OR COURSE IN TEACHING OF READING, OR CONSENT OF INSTRUCTOR; EARLY CHILDHOOD SECTION, EL. ED. 434, OR CONSENT OF INSTRUCTOR.

1 UNIT

*SECTION A IS FOR LANGUAGE ARTS. SECTION B IS FOR SOCIAL STUDIES.

*SECTION E IS FOR CREATIVE ARTS. SECTION F IS FOR READING.

SECTION H IS FOR TEACHER EDUCATION.

26355	LECT-DISC	*A	4-6	W	382	EDUC	MOORE
26863	LECT-DISC	*B	7-9PM	M	162	EDUC	MCGILL
26871	LECT-DISC	*E	7-9PM	W	207	F A B	ZERNICH
26880	LECT-DISC	*F	10-12	S	382	EDUC	DURKIN
26898	LECT-DISC	*H	10-12	W	33	EDUC	MANOLAKES

EL ED 434	PROGRAMS IN EARLY CHILDHOOD EDUCATION.						
	1 UNIT						
26901	LECT-DISC	430-630	TH	382	EDUC		LAVATELLI
EL ED 435	DIAGNOSIS AND CORRECTION IN ELEMENTARY MATHEMATICS.						
	PREREQUISITE: EL. ED. 332; EDPSY. 392; OR EQUIVALENT.						
	*STUDENTS MAY ACCUMULATE 2 UNITS.						
	*1 UNIT						
26910	LECT-DISC	1-3	W	154	ARMORY		LERCH
EL ED 437	METHODS OF CHILD STUDY.						
	PREREQUISITE: ED. PSY. 312 OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
26928	LECT-DISC A	4-6	TU	166	EDUC		LAVATELLI
EL ED 439	FUNDAMENTALS OF CURRICULUM DEVELOPMENT.						
	1 UNIT						
26936	LECT-DISC	7-9PM	TU	166	EDUC		SHORES
EL ED 449	INDEPENDENT STUDY.						
	PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.						
	*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.						
	*1/2 OR 1 UNIT						
26944	CONF	ARR					STAFF
EL ED 459	WORKSHOP IN CURRICULUM DEVELOPMENT.						
	1 TO 2 UNITS						
	*SECTION G IS FOR RESEARCH AND DESIGN IN CURRICULUM DEVELOPMENT. THIS WORKSHOP IS DESIGNED ESPECIALLY FOR ADVANCED GRADUATE STUDENTS IN EDUCATION INCLUDING CURRICULUM SPECIALISTS, SUPERVISORS, AND PRINCIPALS.						
	*SECTION H IS FOR TEACHER-PARENT RELATIONS. IT IS DESIGNED TO REFINE TEACHER'S SKILLS IN RELATING TO PARENTS AND STUDYING NEW TRENDS ON INVOLVING PARENTS IN THE SCHOOL SETTING.						
	*SECTION L IS FOR CHILDREN'S LITERATURE.						
	*SECTION M IS FOR OPEN PRIMARY EDUCATION.						
	*SECTION O IS FOR CREATIVE WRITING.						
26979	LECT-DISC *G	10-12	TU	9	G H		LERCH-DENNY
26952	LECT-DISC *H	7-9PM	TU	1	EDUC		KATZ
26987	LECT-DISC *L	7-9PM	W	33	EDUC		EVERITS
26961	LECT-DISC *M	7-9PM	W	1	EDUC		SPODEK
26995	LECT-DISC *O	7-9PM	M	28	COM W		MOORE
EL ED 490	SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.						
	OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION FOR THE DEGREES OF PH.D. OR ED.D.						
	1 TO 2 UNITS						
	*SECTION C IS FOR RESEARCH METHODS IN CHILD DEVELOPMENT.						
	*SECTION U IS FOR EARLY CHILDHOOD EDUCATION.						
27001	LECT-DISC *C	10-12	M	33	EDUC		LAVATELLI
27010	LECT-DISC *U	4-6	TH	33	EDUC		SPODEK
EL ED 491	FIELD STUDY AND THESIS SEMINAR.						
	LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.						
	1 TO 2 UNITS						
27028	CONF	ARR					STAFF
EL ED 499	THESIS RESEARCH.						
	0 TO 4 UNITS						
27036	CONF	ARR					STAFF

ENGINEERING

DEPARTMENT OFFICE

101 E H

COURSES FOR UNDERGRADUATES

ENG 101 COOPERATIVE ENGINEERING EDUCATION SEMINAR.
 PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.
 0 CREDIT
 27044 LECT-DISC 5 M 119 M M B OPPERMAN

ENG 102 COOPERATIVE ENGINEERING EDUCATION PRACTICE.
 PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.
 0 CREDIT
 27052 PRACT ARR OPPERMAN

ENG 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 27061 CONF ARR

ENGINEERING HONORS

DEPARTMENT OFFICE

101 E H

COURSES FOR UNDERGRADUATES

ENG H 196 THE ENGINEER AND SOCIETY.
 PREREQUISITE: FRESHMAN JAMES SCHOLAR.
 2 HOURS
 27079 LECT-DISC & 10-12 TH 419 E H WORTMAN

ENG H 197 THE ENGINEER AND HIS PROFESSION.
 PREREQUISITE: FRESHMAN JAMES SCHOLAR.
 1 HOUR
 27087 LECT-DISC & 3-430 M 235 M E B PIGAGE

ENG H 198 HONORS SEMINAR.
 PREREQUISITE: HONORS STUDENT IN THE UNIVERSITY.
 1 TO 4 HOURS
 27095 CONF & ARR

COURSES FOR ADVANCED UNDERGRADUATES

ENG H 297 COLLEGE HONORS SEMINAR.
 PREREQUISITE: JAMES SCHOLAR IN ENGINEERING OR
 CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS

27109	LECT-DISC *GE	11	M	F	302	T B	PEARSON
27117	LECT-DISC *GM	3-430	TU TH		8222	C E B	MURTHA
27125	LECT-DISC *GP	11	TU		302	T B	PLECK
27133	LECT-DISC *GY	1-3	TU		121	AGR ENG	YOERGER

ENGLISH LITERATURE AND AMERICAN LITERATURE
DEPARTMENT OFFICE 100 E B

MAJOR: A COURSE IN SHAKESPEARE AND TWENTY ADDITIONAL HOURS IN ENGLISH, EXCLUDING 101, 102, 103, 115, 116, 195, 196, AND RHETORIC 101, 102, 107, 108, 202, 251, 271, 272. OF THESE TWENTY ADDITIONAL HOURS, SEVENTEEN MUST BE TAKEN IN ENGLISH OR AMERICAN LITERATURE, INCLUDING THREE HOURS FROM EACH OF THE FOLLOWING GROUPS:

(1) AMERICAN LITERATURE: ENGLISH 255, 256, (2) OR 336; (3) ENGLISH LITERATURE FROM 1616 TO 1800: ENGLISH 245, 342, 345, 346, 348, OR 349; (4) ENGLISH LITERATURE FROM 1800 TO THE PRESENT: ENGLISH 246, 263, 264, 281, 282, 283, OR 284.

PREREQUISITE TO THE ENGLISH MAJOR IS SIX SEMESTER HOURS OF INTRODUCTORY LITERATURE: ENGLISH 101 AND EITHER 102 OR 103, OR ENGLISH 195 AND 196. IF NECESSARY THESE COURSES MAY BE TAKEN CONCURRENTLY WITH ADVANCED COURSES. ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISOR ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINORS: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISOR, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES UNLESS APPROVED BY THE ADVISOR WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THEIR DEPARTMENTS EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSTITUTES FOR FRENCH 104, GERMAN 104, AND SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED.

ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISOR ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: THE ENGLISH DEPARTMENT OFFERS FIVE SPECIAL COURSES (197, 295, 296, 297, 298) WHICH CONSTITUTE THE HONORS PROGRAM. A FULL DESCRIPTION OF THIS PROGRAM MAY BE OBTAINED FROM THE DEPARTMENTAL OFFICES, THE DEPARTMENTAL DIRECTOR OF HONORS, OR FROM ANY MAJOR ADVISOR. A STUDENT MAJORING IN ENGLISH WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR BETTER) MAY EARN DISTINCTION ONLY BY SUCCESSFULLY COMPLETING ENGLISH 297, 298, AND ANY TWO OF THE OTHER THREE (197, 295, 296) HONORS SEMINARS IN ADDITION TO THE OTHER REMAINING REGULAR REQUIREMENTS FOR HIS MAJOR. A STUDENT ENROLLED IN THE TEACHER EDUCATION CURRICULUM MAY EARN DISTINCTION BY SUBSTITUTING ENGLISH 197 FOR ENGLISH 297 AND BY TAKING ENGLISH 298 DURING WHICHEVER SEMESTER OF HIS SENIOR YEAR HE IS ON CAMPUS THE FULL TIME.

THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE HONORS COMMITTEE, THE INSTRUCTORS IN THE HONORS SEMINARS, THE ENGLISH 298 TUTOR, AND SUCH OTHER FACULTY MEMBERS AS MAY BE ASKED TO READ THE HONORS ESSAY. TO RECEIVE HIGHEST DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE POINT AVERAGE OF 4.75 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGH DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.5. IF, IN THE OPINION OF THOSE DESIGNATED TO DETERMINE THESE MATTERS, A CANDIDATE FAILS TO EARN ANY KIND OF DISTINCTION, HE WILL STILL RECEIVE CREDIT FOR THE HONORS COURSES HE HAS TAKEN.

COURSES FOR UNDERGRADUATES

ENGL 101 INTRODUCTION TO POETRY.

3 HOURS

*SECTION P2 IS FOR ELEMENTARY EDUCATION MAJORS ONLY.

27141	LECT-DISC	A1	8	M	W	F	140	ADMIN
27150	LECT-DISC	A2	8	M	W	F	201	E B
27168	LECT-DISC	B1	9	M	W	F	252	ADMIN
27176	LECT-DISC	B2	9	M	W	F	147	ARMORY
27184	LECT-DISC	C1	10	M	W	F	252	ADMIN
27192	LECT-DISC	C2	10	M	W	F	147	ARMORY
27206	LECT-DISC	D1	11	M	W	F	142	ADMIN
27214	LECT-DISC	X1	12	M	W	F	147	ARMORY
27222	LECT-DISC	X2	12	M	W	F	312	D K H
27231	LECT-DISC	E1	1	M	W	F	140	ADMIN
27249	LECT-DISC	E2	1	M	W	F	142	ADMIN
27257	LECT-DISC	F1	2	M	W	F	142	ADMIN
27265	LECT-DISC	F2	2	M	W	F	252	ADMIN
27273	LECT-DISC	G1	3	M	W	F	117	E B
27281	LECT-DISC	G2	3	M	W	F	201	E B
27290	LECT-DISC	H1	4	M	W	F	201	E B
27303	LECT-DISC	P1	1		TU	TH	312	D K H
		P1	2			TH	312	D K H
27362	LECT-DISC	*P2	1		TU	TH	242	M E B
		*P2	2			TH	242	M E B
27311	LECT-DISC	P3	1		TU	TH	252	M E B
		P3	2			TH	252	M E B
27320	LECT-DISC	R1	3		TU	TH	144	BEV HALL
		R1	4			TU	144	BEV HALL
27338	LECT-DISC	R2	3		TU	TH	312	D K H
		R2	4			TU	312	D K H
27346	LECT-DISC	K	8		TU	TH	310	D K H
		K	9			TU	310	D K H
27354	LECT-DISC	N	11		TU	TH	310	D K H
		N	12			TH	310	D K H

ENGL 102 INTRODUCTION TO THE DRAMA.

3 HOURS

27371	LECT-DISC	A1	8	M	W	F	142	ADMIN
27389	LECT-DISC	A2	8	M	W	F	337	ARMORY
27397	LECT-DISC	A3	8	M	W	F	310	D K H
27401	LECT-DISC	P1	9	M	W	F	282	BEV HALL
27419	LECT-DISC	C1	10	M	W	F	282	BEV HALL
27427	LECT-DISC	C2	10	M	W	F	337	ARMORY
27435	LECT-DISC	D1	11	M	W	F	312	D K H
27443	LECT-DISC	D2	11	M	W	F	117	E B
27451	LECT-DISC	X1	12	M	W	F	1	G H
27460	LECT-DISC	X2	12	M	W	F	282	BEV HALL
27478	LECT-DISC	X3	12	M	W	F	333	ARMORY
27486	LECT-DISC	E1	1	M	W	F	282	BEV HALL
27494	LECT-DISC	E2	1	M	W	F	108	E B
27508	LECT-DISC	F1	2	M	W	F	282	BEV HALL
27516	LECT-DISC	F2	2	M	W	F	259	E B
27524	LECT-DISC	G1	3	M	W	F	223	E B
27532	LECT-DISC	P1	1		TU	TH	282	BEV HALL
		P1	2			TH	282	BEV HALL
27541	LECT-DISC	P2	1		TU	TH	117	E B
		P2	2			TH	117	E B
27559	LECT-DISC	R1	3		TU	TH	282	BEV HALL
		R1	4			TU	282	BEV HALL
27567	LECT-DISC	R2	3		TU	TH	333	ARMORY
		R2	4			TU	333	ARMORY
27575	LECT-DISC	K	8		TU	TH	282	BEV HALL
		K	9			TU	282	BEV HALL
27583	LECT-DISC	N	11		TU	TH	108	E B
		N	12			TH	108	E B

ENGL 103 INTRODUCTION TO FICTION.

3 HOURS

27591	LECT-DISC	A1	8	M W F	252	ADMIN
27605	LECT-DISC	A2	8	M W F	147	ARMORY
27613	LECT-DISC	A3	8	M W F	144	BEV HALL
27621	LECT-DISC	B1	9	M W F	337	ARMORY
27630	LECT-DISC	B2	9	M W F	105	H H
27648	LECT-DISC	C1	10	M W F	196	L H
27656	LECT-DISC	C2	10	M W F	105	H H
27664	LECT-DISC	C1	11	M W F	223	E B
27672	LECT-DISC	D2	11	M W F	147	ARMORY
27681	LECT-DISC	X1	12	M W F	223	E B
27699	LECT-DISC	X2	12	M W F	328	ARMORY
27702	LECT-DISC	X3	12	M W F	105	H H
27711	LECT-DISC	E1	1	M W F	252	ADMIN
27729	LECT-DISC	E2	1	M W F	147	ARMORY
27737	LECT-DISC	F1	2	M W F	140	ADMIN
27745	LECT-DISC	F2	2	M W F	328	ARMORY
27753	LECT-DISC	F3	2	M W F	144	BEV HALL
27761	LECT-DISC	G1	3	M W F	140	ADMIN
27770	LECT-DISC	G2	3	M W F	144	BEV HALL
27788	LECT-DISC	H1	4	M W F	140	ADMIN
27796	LECT-DISC	H2	4	M W F	310	D K H
27800	LECT-DISC	K	8	TU TH	333	ARMORY
		K	9	TU	333	ARMORY
27818	LECT-DISC	M	10	TU TH	333	ARMORY
		M	9	TH	333	ARMORY
27826	LECT-DISC	P1	1	TU TH	328	ARMORY
		P1	2	TH	328	ARMORY
27834	LECT-DISC	P2	1	TU TH	259	E B
		P2	2	TH	259	E B
27842	LECT-DISC	R1	3	TU TH	328	ARMORY
		R1	4	TU	328	ARMORY
27851	LECT-DISC	R2	3	TU TH	64	M E B
		R2	4	TU	64	M E B

ENGL 115 MASTERPIECES OF ENGLISH LITERATURE.

3 HOURS

27869	LECT-DISC	A	8	M W F	328	ARMORY
27877	LECT-DISC	C	10	M W F	333	ARMORY
27885	LECT-DISC	C	11	M W F	210B	E B
27893	LECT-DISC	X	12	M W F	210B	E B
27907	LECT-DISC	E	1	M W F	328	ARMORY
27915	LECT-DISC	F	2	M W F	147	ARMORY
27923	LECT-DISC	G	3	M W F	137	ADMIN
27931	LECT-DISC	H	4	M W F	137	ADMIN

ENGL 116 MASTERPIECES OF AMERICAN LITERATURE.

3 HOURS

27940	LECT-DISC	A1	8	M W F	333	ARMORY
27958	LECT-DISC	A2	8	M W F	282	BEV HALL
27966	LECT-DISC	B1	9	M W F	333	ARMORY
27974	LECT-DISC	C1	10	M W F	210B	E B
27982	LECT-DISC	D1	11	M W F	333	ARMORY
27991	LECT-DISC	X1	12	M W F	64	M E B
28007	LECT-DISC	X2	12	M W F	143B	M E B
28015	LECT-DISC	E1	1	M W F	312	D K H
28023	LECT-DISC	E2	1	M W F	1	G H
28031	LECT-DISC	F1	2	M W F	312	D K H
28040	LECT-DISC	G1	3-430	M W	240	L H

ENGL 131 INTRODUCTION TO SHAKESPEARE.

PREREQUISITE: SOPHOMORE STANDING OR EXEMPTION FROM RHET. 102.
OR DESIGNATION AS AN EDMUND J. JAMES SCHOLAR.

3 HOURS

28058	LECT-DISC	R1	9	M W F	201	E B
28066	LECT-DISC	B2	9	M W F	209	E B
28074	LECT-DISC	C	10	M W F	209	E B
28082	LECT-DISC	D1	11	M W F	201	E B
28091	LECT-DISC	D2	11	M W F	282	BEV HALL
28104	LECT-DISC	X1	12	M W F	240	L H
28112	LECT-DISC	X2	12	M W F	110	L H
28121	LECT-DISC	F	1	M W F	143B	M E B
28139	LECT-DISC	F	2	M W F	240	L H
28147	LECT-DISC	R1	3	TU TH	223	E B
		R1	2	TH	223	E B

ENGL 196 FRESHMAN SEMINAR, II.
 PREREQUISITE: ENGL. 195 AND JAMES SCHOLAR STANDING OR OTHER
 DESIGNATION AS A SUPERIOR STUDENT.
 4 HOURS

28155	LECT-DISC	6F1	2-4	TU TH	142	ADMIN	SCHNEIDER
28163	LECT-DISC	6M1	10-12	TU TH	210A	E B	SCHNEIDER
28171	LECT-DISC	6M4	3-5	M W	210B	E B	HOTCH

ENGL 197 SOPHOMORE HONORS SEMINAR.
 PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS
 WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT
 OF INSTRUCTOR.
 3 HOURS

*SECTION G1 TOPIC: THE AUGUSTANS (AREA III).
 *SECTION G2 TOPIC: TWENTIETH CENTURY DRAMATIC THEORY (AREA IV).
 *SECTION G3 TOPIC: JACOBAN COMEDY (AREA II).

28180	LECT-DISC	*G1	3-5	F	210A	E B	HOTCH
28198	LECT-DISC	*G2	3-5	W	303	E B	HURT
28201	LECT-DISC	*G3	3-5	M	303	E B	SHAPIRO

ENGL 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTIONS F1 AND F2 TOPIC: FILM AS LITERATURE. (THESE SECTIONS MAY
 NOT BE REPEATED).

28210	CONF	G	ARR				STAFF
28228	CONF	F1	2	M W F	244	M E B	FRAYNE
28236	CONF	F2	2	M W F	248	M E B	FRAYNE

COURSES FOR ADVANCED UNDERGRADUATES

ENGL 215 PRACTICAL CRITICISM.
 PREREQUISITE: NINE HOURS OF LITERATURE OR CONSENT OF INSTRUCTOR.
 3 HOURS
 *WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 SECTION X TOPIC: LITERARY IMPLICATIONS OF NON-LITERARY WRITERS
 (MARX, FREUD, ETC.).

28317	LECT-DISC	X	12	M W F	142	ADMIN	WHEELER
28244	LECT-DISC	E1	1	M W F	223	E B	NELSON
28309	LECT-DISC	*E2	1	MTWTHF	310	D K H	WALDOFF
28252	LECT-DISC	F	2	M W F	223	E B	NELSON
28261	LECT-DISC	G1	3	M W F	310	D K H	WALDOFF
28279	LECT-DISC	K	8	TU TH	142	ADMIN	PURAVS
		K	9	TU	142	ADMIN	PURAVS
28287	LECT-DISC	L1	9	TH	142	ADMIN	PURAVS
		L1	10	TU TH	142	ADMIN	PURAVS
28295	LECT-DISC	L2	9	TU TH	137	ADMIN	FRAYNE
		L2	10	TU	137	ADMIN	FRAYNE

ENGL 221 MEDIEVAL LITERATURE.
 3 HOURS

28325	LECT-DISC	F	2	M W F	137	ADMIN	STILLWELL
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ENGL 231 SHAKESPEARE, I.
 3 HOURS

28333	LECT-DISC	B	9	M W F	64	M E B	KLEIN
28341	LECT-DISC	L	9	TU TH	223	E B	HINELY
		L	10	TU	223	E B	HINELY
28350	LECT-DISC	P	1	TU TH	223	E B	HINELY
		P	2	TU	223	E B	HINELY

ENGL 232 SHAKESPEARE, II.
 3 HOURS

28368	LECT-DISC	B	9	M W F	310	D K H	WHEELER
28376	LECT-DISC	C1	10	M W F	312	D K H	WHEELER
28384	LECT-DISC	C2	10	M W F	64	M E B	KLEIN
28392	LECT-DISC	E1	1	M W F	137	ADMIN	ALLEN
28406	LECT-DISC	E2	1	M W F	105	H H	KLEIN
28414	LECT-DISC	F	2	M W F	108	E B	SPONGBERG
28422	LECT-DISC	G	3	M W F	108	E B	SPONGBERG

ENGL 235 ENGLISH DRAMA PREVIOUS TO SHAKESPEARE.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS
 COVERS THE PERIOD FROM THE BEGINNING TO 1600.

28431	LECT-DISC	M	10	TU TH	210B	E B	HOLADAY
		M	11	TU	210B	E B	HOLADAY

ENGL	245	ENGLISH LITERATURE FROM 1688 TO 1789. PREREQUISITE: JUNIOR STANDING. 3 HOURS	28449	LECT-DISC	E	1	M W F	210B	E B	HOTCH
ENGL	246	THE ENGLISH ROMANTIC POETS. 3 HOURS	28457	LECT-DISC	F	2	M W F	310	D K H	WALDOFF
			28465	LECT-DISC	G	3	M W F	252	ADMIN	WILKIE
			28473	LECT-DISC	P	1	TU TH	210B	E B	MAJDIK
					P	2	TH	210B	E B	MAJDIK
ENGL	251	GREAT NOVELISTS OF THE EIGHTEENTH CENTURY. 3 HOURS	28481	LECT-DISC	N	11	TU TH	252	ADMIN	GOLD
					N	12	TH	252	ADMIN	GOLD
ENGL	252	GREAT ENGLISH NOVELISTS OF THE NINETEENTH CENTURY. 3 HOURS	28490	LECT-DISC	B	9	M W F	205	E B	BENNETT
			28503	LECT-DISC	C	10	M W F	205	E B	BENNETT
ENGL	253	GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL. 3 HOURS	28511	LECT-DISC	B	9	M W	142	ADMIN	ADELMAN
ENGL	255	SURVEY OF AMERICAN LITERATURE, I. *CREDIT IS NOT GIVEN FOR BOTH ENGL. 113 AND 255. *3 HOURS	28520	LECT-DISC	B	9	M W F	108	E B	HAMILTON
			28538	LECT-DISC	C	10	M W F	144	BEV HALL	UROFF
			28546	LECT-DISC	D	11	M W F	144	BEV HALL	SWANSON
			28554	LECT-DISC	X1	12	M W F	144	BEV HALL	SWANSON
			28562	LECT-DISC	X2	12	M W F	196	L H	UROFF
			28571	LECT-DISC	F	2	M W F	1	G H	RUNYAN
			28589	LECT-DISC	G	3	M W F	142	ADMIN	RUNYAN
ENGL	256	SURVEY OF AMERICAN LITERATURE, II. *CREDIT IS NOT GIVEN FOR BOTH ENGL. 114 AND 256. *3 HOURS	28597	LECT-DISC	B1	9	M W F	144	BEV HALL	UROFF
			28678	LECT-DISC	*B2	9	MTUWTHF	328	ARMORY	WATTS
			28601	LECT-DISC	C1	10	M W F	201	E B	HAMILTON
			28619	LECT-DISC	C2	10	M W F	328	ARMORY	WATTS
			28627	LECT-DISC	D1	11	M W F	140	ADMIN	CARRINGER
			28635	LECT-DISC	X1	12	M W F	140	ADMIN	WHISNANT
			28643	LECT-DISC	E1	1	M W F	209	E B	MOAKE
			28651	LECT-DISC	F1	2	M W F	117	E B	CARRINGER
			28660	LECT-DISC	H1	4	M W F	142	ADMIN	RUNYAN
ENGL	257	SURVEY OF ENGLISH LITERATURE, I. PREREQUISITE: SENIOR STANDING. 3 HOURS	28686	LECT-DISC	X	12	M W F	108	E B	MCGUGAN
ENGL	258	SURVEY OF ENGLISH LITERATURE, II. PREREQUISITE: SENIOR STANDING. 3 HOURS	28716	LECT-DISC	*B1	9	MTUWTHF	259	E B	MATTHEWS
			28694	LECT-DISC	B2	9	M W F	223	E B	KAUFMAN
			28708	LECT-DISC	D	11	M W F	108	E B	KAUFMAN
ENGL	264	VICTORIAN LITERATURE FROM 1859 TO 1901. 3 HOURS	28724	LECT-DISC	B	12	M W F	143	ADMIN	BENNETT
ENGL	271	MAJOR AMERICAN WRITERS. 2 HOURS *SECTION D TOPIC: EMERSON AND THOREAU.	28732	LECT-DISC	D	11	M W	252	ADMIN	WHISNANT

ENGL	273	POETRY SINCE 1920. PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE OR CONSENT OF INSTRUCTOR. 3 HOURS									
	28741	LECT-DISC	A	8	M	W	F	137	ADMIN	HOGAN	
	28754	LECT-DISC	F	2	M	W	F	205	E B	KYLE	
ENGL	275	AFRO-AMERICAN LITERATURE. PREREQUISITE: ONE YEAR OF LITERATURE STUDIED IN COLLEGE, OR CONSENT OF INSTRUCTOR. 3 HOURS									
	28767	LECT	E	1	M	W		101	ARMORY	KINNAMON	
	28775	DISC	E1	1			F	133	ARMORY		
	28783	DISC	E2	1			F	146	ARMORY		
	28791	DISC	F1	2			F	133	ARMORY		
	28805	DISC	F2	2			F	146	ARMORY		
ENGL	281	DEVELOPMENT OF THE MODERN DRAMA, I. 3 HOURS									
	28813	LECT-DISC	C	10	M	W	F	310	D K H	ALLEN	
	28821	LECT-DISC	X	12	M	W	F	137	ADMIN	ALLEN	
ENGL	282	DEVELOPMENT OF THE MODERN DRAMA, II. 3 HOURS									
	28830	LECT-DISC	C	10	M	W	F	117	E B	VANTER	
	28848	LECT-DISC	X	12	M	W	F	209	E B	HURT	
	28856	LECT-DISC	E	1	M	W	F	117	E B	VANTER	
ENGL	284	ENGLISH LITERATURE IN THE TWENTIETH CENTURY, II. 3 HOURS									
	28864	LECT-DISC	E	1	M	W	F	196	L H	B. SMALLEY	
	28872	LECT-DISC	F	2	M	W	F	210B	E B	WILSON	
	28881	LECT-DISC	G	3	M	W	F	259	E B	NELSON	
	28899	LECT-DISC	P	1		TU	TH	1	G H	E. BRANDABUR	
			P	2			TH	1	G H	E. BRANDABUR	
ENGL	286	THE SHORT STORY, II. PREREQUISITE: ONE COURSE IN ENGLISH OR AMERICAN LITERATURE. 3 HOURS									
	28902	LECT-DISC	C	10	M	W	F	137	ADMIN	GUIBBORY	
	28911	LECT-DISC	D	11	M	W	F	240	L H	DAVIS	
	28929	LECT-DISC	X1	12	M	W	F	310	D K H	GUIBBORY	
	28937	LECT-DISC	X2	12	M	W	F	252	ADMIN	FUMENTO	
	28945	LECT-DISC	E	1	M	W	F	259	E B	DAVIS	
	28953	LECT-DISC	L	9		TU	TH	140	ADMIN	FRIEDMAN	
			L	10		TU		140	ADMIN	FRIEDMAN	
	28961	LECT-DISC	P	1		TU	TH	252	ADMIN	VANWELLEGHEM	
			P	2		TU		252	ADMIN	VANWELLEGHEM	
	28970	LECT-DISC	R	3		TU	TH	117	E B	VANWELLEGHEM	
			R	4		TU		117	E B	VANWELLEGHEM	
ENGL	288	THE TWENTIETH CENTURY AMERICAN NOVEL. 3 HOURS									
	28988	LECT-DISC	B	9	M	W	F	117	E B	ANDERSEN	
	28996	LECT-DISC	C	10	M	W	F	1	G H	SWANSON	
	29002	LECT-DISC	D1	11	M	W	F	209	E B	KYLE	
	29011	LECT-DISC	X	12	M	W	F	205	E B	ANDERSEN	
	29029	LECT-DISC	E	1	M	W	F	205	E B	KYLE	
	29037	LECT-DISC	F	2	M	W	F	201	E B	MOAKE	
	29045	LECT-DISC	G	3	M	W	F	196	L H	MOAKE	
	29053	LECT-DISC	R	2		TU	TH	140	ADMIN	PURAVS	
			R	3		TU		140	ADMIN	PURAVS	
ENGL	296	JUNIOR HONORS SEMINAR, II. PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR. 3 HOURS *SECTION E TOPIC: GRECO-ROMAN MYTHOLOGY AND ENGLISH LITERATURE. SECTION G TOPIC: POETRY SINCE 1965. SECTION L1 TOPIC: THE VICTORIAN NARRATIVE (AREA IV). SECTION L2 TOPIC: MYTH AND ANTI-MYTH IN AMERICAN LITERATURE. (AREA I).									
	29061	LECT-DISC	*E	1-3		TH		303	E B	FRAYNE	
	29070	LECT-DISC	*G	3-5	M			194	L H	STILLINGER	
	29088	LECT-DISC	*G1	9-11		TH		194	L H	KRAMER	
	29096	LECT-DISC	*G2	9-11		TU		119	E B	SCOUFFAS	

ENGL	297	SENIOR HONORS SEMINAR.									
		PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.									
		3 HOURS									
		*SECTION &E TOPIC: MELVILLE.									
		*SECTION &L TOPIC: W. B. YEATS.									
	29100	LECT-DISC	*&E	1-3	TU	303	E B	BAYM			
	29118	LECT-DISC	*&L	9-11	TU	194	L H	MARDER			
ENGL	298	SENIOR HONORS TUTORIAL.									
		PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.									
		3 HOURS									
	29126	CONF		ARR				STAFF			
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES											
ENGL	303	HISTORICAL INTRODUCTION TO THE ENGLISH LANGUAGE.									
		PREREQUISITE: ENGL. 386.									
		3 HOURS OR 3/4 UNIT									
		*SECTION G IS FOR TEACHER-TRAINING STUDENTS.									
	29134	LECT-DISC	B	9	M W F	2108	E B	CABLE			
	29142	LECT-DISC	*G	3-5	M	205	E B	HOOK			
			*G	3	W			HOOK			
ENGL	310	LITERATURE FOR THE HIGH SCHOOL.									
		3 HOURS OR 3/4 UNIT									
	29151	LECT-DISC	D	11	M W F	259	E B	MATTHEWS			
	29169	LECT-DISC	X	12	M W F	259	E B	MATTHEWS			
	29177	LECT-DISC	H1	4-530	TU TH	223	E B	HOETKER			
	29185	LECT-DISC	H2	4-530	M W	223	E B	HOETKER			
ENGL	311	CHAUCE.									
		3 HOURS OR 3/4 UNIT									
	29193	LECT-DISC	D	11	M W F	119	E B	STILLWELL			
ENGL	325	ENGLISH LITERATURE FROM 1500 TO 1660.									
		3 HOURS OR 3/4 UNIT									
	29207	LECT-DISC	E	1-3	TH	108	E B	MILLIGAN			
			E	3	TU	201	E B	MILLIGAN			
ENGL	336	ENGLISH DRAMA EXCLUSIVE OF SHAKESPEARE.									
		3 HOURS OR 3/4 UNIT									
	29215	LECT-DISC	X	12	M W F	201	E B	KAY			
ENGL	338	TRAGEDY.									
		3 HOURS OR 3/4 UNIT									
	29223	LECT-DISC	F	2	M W F	209	E B	HURT			
ENGL	342	THE POETRY OF MILTON.									
		3 HOURS OR 3/4 UNIT									
	29231	LECT-DISC	G	3	M W F	209	E B	JACOBS			
ENGL	345	THE METAPHYSICAL POETS.									
		3 HOURS OR 3/4 UNIT									
	29240	LECT-DISC	B	9	M W F	140	ADMIN	GUIBBORY			
	29258	LECT-DISC	D	11	M W F	254	ADMIN	VANTER			
ENGL	346	THE AGE OF DRYDEN.									
		3 HOURS OR 3/4 UNIT									
	29266	LECT-DISC	C	10	M W F	140	ADMIN	A. KAUFMAN			
ENGL	348	SWIFT, POPE, AND FIELDING.									
		PREREQUISITE: A COURSE IN ENGLISH LITERATURE.									
		3 HOURS OR 3/4 UNIT									
	29274	LECT-DISC	A	8	M W F	223	E B	RHODES			

ENGL	349	DR. JOHNSON AND HIS CIRCLE.							
		3 HOURS OR 3/4 UNIT							
	29282	LECT-DISC L	9	TU TH	252	ADMIN		GOLD	
			10	TU	252	ADMIN		GOLD	
ENGL	351	THE MID-VICTORIAN NOVEL.							
		3 HOURS OR 3/4 UNIT							
	29291	LECT-DISC C	10	M W F	259	E B		ANDERSEN	
ENGL	352	AMERICAN LITERATURE: IRVING TO WHITMAN.							
		3 HOURS OR 3/4 UNIT							
	29304	LECT-DISC E	1-3	TH	137	ADMIN		DAVIDSON	
			1	TU	137	ADMIN		DAVIDSON	
ENGL	359	THE INTERNATIONAL FOLK TALE.							
		SAME AS C. LIT. 359.							
		3 HOURS OR 3/4 UNIT							
	29312	LECT-DISC D	11	M W F	205	E B		FLANAGAN	
ENGL	360	THE POPULAR BALLAD AND THE FOLK SONG IN THE UNITED STATES.							
		3 HOURS OR 3/4 UNIT							
	29321	LECT-DISC C	10	M W F	146	ARMORY		A. GREEN	
ENGL	370	THEORY AND PRACTICE OF WRITTEN COMPOSITION.							
		3 HOURS OR 3/4 UNIT							
	29339	LECT-DISC A	8	M W F	312	D K H		NEMANICH	
	29347	LECT-DISC B	9	M W F	240	L H		HOLMES	
	29355	LECT-DISC H	4-530	M W	108	E B		O'DONNELL	
ENGL	375	HENRY JAMES AND THE TECHNIQUE OF FICTION.							
		3 HOURS OR 3/4 UNIT							
	29363	LECT-DISC C	10	M W F	119	E B		ALTENBERND	
ENGL	378	MODERN AMERICAN AND BRITISH FICTION IN ITS EUROPEAN BACKGROUND							
		PREREQUISITE: TWO COLLEGE-LEVEL LITERATURE COURSES.							
		3 HOURS OR 3/4 UNIT							
	29371	LECT-DISC C	10	M W F	142	ADMIN		ADELMAN	
ENGL	381	THEMES AND MOVEMENTS IN BRITISH LITERATURE.							
		PREREQUISITE: SIX HOURS OF ENGLISH OR AMERICAN LITERATURE.							
		3 HOURS OR 3/4 UNIT							
		SECTION C TOPIC: SEVENTEENTH CENTURY PROSE.							
	29380	LECT-DISC C	10	M W F	374	L H		CLARK	
ENGL	382	THE PLAYS OF BERNARD SHAW.							
		3 HOURS OR 3/4 UNIT							
	29398	LECT-DISC E	1	M W F	201	E B		SHATTUCK	
ENGL	385	THEMES AND MOVEMENTS IN AMERICAN LITERATURE.							
		3 HOURS OR 3/4 UNIT							
		*SECTION B TOPIC: AMERICAN LITERATURE AND THE AMERICAN POPULAR CONSCIOUSNESS. SECTION X TOPIC: THE NOVEL OF PROTEST.							
		*SECTION G TOPIC: AFRO-AMERICAN FICTION.							
	29401	LECT-DISC *B	9	M W F	1	G H		WHISNANT	
	29410	LECT-DISC *X	12	M W F	331	G H		A. GREEN	
	29428	LECT-DISC *G	3	M W F	331	G H		KINNAMON	
ENGL	386	MODERN ENGLISH GRAMMAR AND USAGE.							
		3 HOURS OR 3/4 UNIT							
		*SECTIONS B, C, X AND H TOPIC: EMPHASIS ON TRANSFORMATIONAL GRAMMAR. SECTION D TOPIC: EMPHASIS ON PRACTICAL GRAMMAR AND CONCISE USAGE.							
	29444	LECT-DISC *B	9	M W F	312	D K H		NEMANICH	
	29452	LECT-DISC *C	10	M W F	223	E B		CABLE	
	29436	LECT-DISC C	11	M W F	310	D K H		TIBBETTS	
	29461	LECT-DISC *X	12	M W F	117	E B			
	29479	LECT-DISC *H	4	M W F	331	G H		BOUTON	
ENGL	392	TYPOGRAPHIC DISCIPLINES OF THE BOOK.							
		SAME AS JOURN. AND LIB. S. 310.							
		PREREQUISITE: CONSENT OF INSTRUCTOR.							
		3 HOURS OR 1/2 UNIT							
	29487	LECT-DISC	ARR					CHAPDU	

COURSES FOR GRADUATES

ENGL 402	OLD ENGLISH--BEOWULF. PREREQUISITE: ENGL. 401. 1 UNIT								
29495	LECT-DISC B	9	M W F	309	LIB			TRAHERN	
ENGL 403	HISTORY OF THE ENGLISH LANGUAGE. 1 UNIT *RESERVED FOR M. A. CANDIDATES IN THE TEACHING OF ENGLISH AS A SECOND LANGUAGE.								
29517	LECT-DISC *D	11	M W F	210A	E B			ASTON	
29509	LECT-DISC X	12	M W F	309	LIB			CABLE	
ENGL 408	STUDIES IN CHAUCER AND HIS TIMES, II 1 UNIT								
29525	LECT-DISC C	10-12	W	325	G H			WRITH	
ENGL 412	STUDIES IN SIXTEENTH CENTURY LITERATURE, II. 1 UNIT								
29533	LECT-DISC E	1-3	TU	108	E B			MILLIGAN	
ENGL 413	STUDIES IN SHAKESPEARE. 1 UNIT								
29541	LECT-DISC M	10-12	TH	309	LIB			COLE	
ENGL 418	STUDIES IN SEVENTEENTH CENTURY POETRY AND MILTON, 1640-1700. 1 UNIT								
29550	LECT-DISC N	11	TU TH	303	E B			M. KAUFMANN	
ENGL 422	STUDIES IN EIGHTEENTH CENTURY LITERATURE, II. 1 UNIT								
29568	LECT-DISC G	3-5	M	119	E B			RHODES	
ENGL 428	STUDIES IN THE ROMANTIC MOVEMENT, II. SAME AS C. LIT. 455. 1 UNIT								
29576	LECT-DISC E	1	M W	303	E B			WILKIE	
ENGL 432	STUDIES IN VICTORIAN LITERATURE II. 1 UNIT								
29584	LECT-DISC G	3-5	W	194	L H			SCHNEIDER	
29592	LECT-DISC E	1	TU TH	240	L H			D. SMALLEY	
ENGL 434	MAJOR MOVEMENTS IN MODERN BRITISH FICTION. 1 UNIT								
29606	LECT-DISC L	9-11	TH	303	E B			MARDER	
29614	LECT-DISC R	2-4	TH	119	E B			MARDER	
ENGL 438	STUDIES IN AMERICAN LITERATURE AFTER 1800. PREREQUISITE: SURVEY COURSE IN AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR. 1 UNIT *SECTION G1 TOPIC: TRANSCENDENTAL MOVEMENT. *SECTION G2 TOPIC: WOMEN IN AMERICAN FICTION.								
29622	LECT-DISC *G1	3-5	F	303	E B			HENDRICK	
29631	LECT-DISC *G2	3-5	TH	210B	E B			BAYM	
ENGL 444	STUDIES IN MODERN DRAMA. 1 UNIT								
29649	LECT-DISC F	2	M W	303	E B			SHATTUCK	
ENGL 447	BACKGROUND MATERIALS FOR HIGH SCHOOL TEACHERS OF ENGLISH. 1 UNIT								
29657	LECT-DISC H	4-6	TU	205	E B			HOOK	
ENGL 448	LITERARY ANALYSIS FOR TEACHERS OF ENGLISH. PREREQUISITE: TEACHING EXPERIENCE. 1 UNIT TOPIC: LITERARY THEORY AND THE TEACHING OF ENGLISH.								
29665	LECT-DISC H	4-6	M	117	E B			PURVES	

ENGL	463	PROBLEMS IN SHAKESPEARE.							
	1 UNIT								
	29673	LECT-DISC M	10-12	TU	309	LIB		COLE	
ENGL	464	PROBLEMS IN ELIZABETHAN DRAMA.							
	1 UNIT								
	29681	LECT-DISC G	3	TU TH	303	E B		HOLADAY	
ENGL	467	PROBLEMS IN MILTON AND HIS AGE.							
	1 UNIT	PREREQUISITE: ENGL. 342 OR 418 OR CONSENT OF INSTRUCTOR.							
	29690	LECT-DISC L	9-11	TU	303	E B		KAUFMANN	
ENGL	471	PROBLEMS IN EIGHTEENTH-CENTURY LITERATURE.							
	1 UNIT	PREREQUISITE: ENGL. 421, 422, OR EQUIVALENT OR CONSENT OF INSTRUCTOR.							
	29703	LECT-DISC R	3-5	TU	252	ADMIN		GOLD	
ENGL	476	PROBLEMS IN ROMANTIC LITERATURE.							
	1 UNIT	SAME AS C. LIT. 453.							
	29711	LECT-DISC H	4-6	TU	303	E B		STILLINGER	
ENGL	478	PROBLEMS IN PROSE FICTION, II.							
	1 UNIT	PREREQUISITE: SECOND-YEAR GRADUATE STANDING.							
	29720	LECT-DISC N	11	TU TH	194	L H		MAJDIK	
ENGL	479	PROBLEMS IN VICTORIAN LITERATURE.							
	1 UNIT	PREREQUISITE: ENGL. 431 OR 432, OR CONSENT OF INSTRUCTOR							
	29738	LECT-DISC E	1	M W	240	L H		D. SMALLEY	
ENGL	480	THE ENGLISH NOVEL IN TRANSITION, 1890-1914.							
	1 UNIT								
	29746	LECT-DISC E	1	M W	119	E B		WILSON	
ENGL	484	PROBLEMS IN TWENTIETH CENTURY ENGLISH LITERATURE.							
	1 UNIT	PREREQUISITE: CONSENT OF INSTRUCTOR, OR A SURVEY OF ENGLISH LITERATURE.							
	29754	LECT-DISC G	3-5	TU	210B	E B		E. BRANDABU	
ENGL	486	PROBLEMS IN AMERICAN CRITICISM AND AMERICAN CULTURE.							
	1 UNIT	PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR.							
	29762	LECT-DISC *C	10-12	W	309	LIB		SANDERS	
ENGL	488	PROBLEMS IN AMERICAN LITERATURE AND CULTURE.							
	1 UNIT	PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR.							
	29771	LECT-DISC G	3-5	TU	119	E B		DAVIDSON	
	29789	LECT-DISC H	4-6	F	119	E B		FLANAGAN	
ENGL	491	RESEARCH IN SPECIAL TOPICS.							
	*1 UNIT	*THIS COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS							
	29797	LECT-DISC G	ARR					PURVES	
	29801	LECT-DISC H	ARR					DAVIDSON	

ENGL 497 INDEPENDENT READING.
 PREREQUISITE: CONSENT OF INSTRUCTOR OF REQUISITE 300 LEVEL COURSE.
 *STUDENTS MAY ACCUMULATE 1/2 UNIT.
 *1/4 UNIT
 29819 CONF ARR

ENGL 499 THESIS RESEARCH.
 0 TO 4 UNITS
 INSTRUCTORS: ALTENBERND, ASTON, BERRY, BRANDABUR, CAMPBELL,
 DAVIDSON, FLANAGAN, R. GREEN, HENDRICK, HOLADAY, HOOK,
 U. M. KAUFMANN, KRAMER, MARDER, MILLIGAN, PURVES
 SHATTUCK, SMALLEY, STILLINGER, WILKIE, AND WILSON
 29827 CONF ARR

ENTOMOLOGY

DEPARTMENT OFFICE

320 MOR HALL

MAJOR: THIS PROGRAM IS DESIGNED FOR STUDENTS WHO WISH TO SPECIALIZE
 IN ENTOMOLOGY AS PREPARATION FOR PROFESSIONAL WORK IN THIS AREA OR
 SUBSEQUENT GRADUATE STUDY.

STUDENTS MUST COMPLETE A MAJOR CONSISTING OF BIOLOGY 110, 111,
 ENTOMOLOGY 301, 302 (SUMMER), AND AN ADDITIONAL ELEVEN HOURS OF
 COURSES AT THE 200 OR 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE
 SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISOR. STUDENTS ARE
 ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH OR-
 GANIC, A COURSE IN STATISTICS, AND MATHEMATICS THROUGH MATHEMATICS
 120 OR EQUIVALENT. IN ADDITION, EACH STUDENT IS STRONGLY ENCOURAGED
 TO CARRY ON A PROGRAM OF RESEARCH WITH A MEMBER OF THE DEPARTMENT
 OR AN ENTOMOLOGIST AT THE STATE NATURAL HISTORY SURVEY.

COURSES FOR UNDERGRADUATES

ENTOM 101 AGRICULTURAL ENTOMOLOGY.

3 HOURS

29835	LECT		11	M W	152	C A	WALDBAUER
29843	LAB	A	10-12	F	309	H H	WALDBAUER
29851	LAB	B	10-12	TH	309	H H	WALDBAUER

ENTOM 103 LIFE OF INSECTS.

4 HOURS

29860	LECT	*	10	TU TH	269	E E B	MACLEOD
29878	LECT	2	11	TU TH	269	E E B	
29886	LAB	A	8-10	M W	309	H H	MACLEOD
29894	LAB	B	10-12	M W	309	H H	MACLEOD
29908	LAB	C	12-2	M W	309	H H	MACLEOD
29916	LAB	D	2-4	M W	309	H H	MACLEOD
29924	LAB	E	4-6	M W	309	H H	MACLEOD
29932	LAB	F	8-10	TU TH	309	H H	MACLEOD
29941	LAB	G	12-2	TU TH	309	H H	MACLEOD
29959	LAB	H	2-4	TU TH	309	H H	MACLEOD
29967	LAB	I	4-6	TU TH	309	H H	MACLEOD
29975	LAB	J	8-10	FS	309	H H	MACLEOD

ENTOM 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

29983 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ENTOM 301 INTRODUCTION TO ENTOMOLOGY.

PREREQUISITE: BIOL. 111 AND CHEM. 101, AND CONSENT OF INSTRUCTOR.

4 HOURS OR 1 UNIT

29991	LECT	A	2	TU TH	229	N H B	FRIEDMAN,
	LAB	A	3-5	TU TH	315	MOR HALL	STERNBURG
30000	LECT	B	2	TU TH	229	N H B	AND MACLEOD
	LAB	B	1-3	M W	315	MOR HALL	
30018	LECT	C	2	TU TH	229	N H B	
	LAB	C	3-5	M W	315	MOR HALL	

ENTOM 306 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 TO 5 HOURS, OR 1/4 OR 1 UNIT
 30026 CONF ARR

STAFF

ENTOM 322 INSECT BIONOMICS.
 PREREQUISITE: ENTOM. 103 OR 302, OR ZOOL. 320, AND CONSENT OF INSTRUCTOR.
 4 HOURS OR 1 UNIT
 30034 LECT 1 M W 407 MOR HALL
 LAB 2-4 M W 407 MOR HALL

HORSFALL
 HORSFALL

COURSES FOR GRADUATES

ENTOM 420 CHEMISTRY AND TOXICOLOGY OF INSECTICIDES.
 PREREQUISITE: ONE YEAR OF BIOLOGY OR EQUIVALENT IN ANIMAL SCIENCE, ORGANIC CHEMISTRY, AND CONSENT OF INSTRUCTOR.
 1 UNIT

30042 LECT 2 TU TH 136 BUR HALL
 LAB 3-5 TU TH 215 MOR HALL

METCALF, BOG
 AND STERNBUR

ENTOM 422 INSECT PHYSIOLOGY.
 PREREQUISITE: ENTOM. 302 AND 410, ORGANIC CHEMISTRY, AND CONSENT OF INSTRUCTOR.

1 UNIT
 30051 LAB-DISC 9-12 TU TH 315 MOR HALL

FRIEDMAN,
 LARSEN AND
 WILLIS

ENTOM 426 SEMINAR IN ENTOMOLOGY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.
 *0 OR 1/4 UNIT

30069 LECT ARR

STAFF

ENTOM 499 THESIS--RESEARCH.

0 TO 4 UNITS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--MORPHOLOGY AND EMBRYOLOGY OF INSECTS LARSEN, MACLEOD, STERNBURG

B--APPLIED AND MEDICAL ENTOMOLOGY HORSFALL, KEARNS, LUCKMANN

METCALF

C--SYSTEMATIC ENTOMOLOGY MACLEOD, SELANDER,

STANNARD

D--BIOLOGY AND ECOLOGY OF INSECTS GHENT, HORSFALL, JAYCOX

WALDBAUER

E--INSECT PHYSIOLOGY & TOXICOLOGY FRAENKEL, FRIEDMAN,

KEARNS, LARSEN, METCALF,

STERNBURG, WALDBAUER,

WILLIS

30077 CONF ARR

FINANCE

DEPARTMENT OFFICE

340 COM W

REQUIREMENTS FOR L. A. S. STUDENTS

MAJOR: TWENTY HOURS IN FINANCE. A FINANCE MAJOR WHO CHOOSES ECONOMICS AS A MINOR MUST INCLUDE ALSO TWELVE HOURS IN A SECOND MINOR.

ECON. 108 OR ECON. 102 AND 103, ARE FUNDAMENTAL COURSES IN ECONOMICS AND ARE PREREQUISITES FOR COURSES IN FINANCE. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN FINANCE SHOULD TAKE ECON. 108, OR ECON. 102 AND 103, IN THEIR SOPHOMORE YEAR. LIBERAL ARTS MAJORS IN FINANCE ARE ADVISED STRONGLY TO ELECT ACCY. 201 AND A COURSE IN STATISTICS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY. THE CURRICULUM IN LATIN-AMERICAN STUDIES IS ACCEPTED AS A MINOR.

COURSES FOR UNDERGRADUATES

FIN 150 MONEY, CREDIT, AND BANKING.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS

30085	LECT-DISC	B	9	M	W	F	123	D	K	H
30093	LECT-DISC	D1	11	M	W	F	123	D	K	H
30107	LECT-DISC	D2	11	M	W	F	317	D	K	H
30115	LECT-DISC	E	1	M	W	F	123	D	K	H
30123	LECT-DISC	X1	12	M	W	F	123	D	K	H
30131	LECT-DISC	X2	12	M	W	F	317	D	K	H

FIN 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

30140	CONF	ARR
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COURSES FOR ADVANCED UNDERGRADUATES

FIN 252 BANKING PRACTICE IN THE UNITED STATES.

PREREQUISITE: FIN. 150 AND 254.

3 HOURS

30158	LECT-DISC	F	2	M	W	F	123	D	K	H
30166	LECT-DISC	G	3	M	W	F	123	D	K	H

FIN 253 INVESTMENT BANKING.

PREREQUISITE: FIN. 150 AND 254.

3 HOURS

30174	LECT-DISC	B	9	M	W	F	219	D	K	H	LEONARD
30182	LECT-DISC	C	10	M	W	F	123	D	K	H	LEONARD

FIN 254 AN INTRODUCTION TO BUSINESS FINANCIAL MANAGEMENT.

PREREQUISITE: ACCY. 105 OR 201, FIN. 150,

CREDIT OR REGISTRATION IN ECON. 172.

*CREDIT IS NOT GIVEN FOR BOTH FIN. 254 AND FIN. 257.

*3 HOURS

30191	LECT-DISC	A1	8	M	W	F	123	D	K	H
30204	LECT-DISC	A2	8	M	W	F	219	D	K	H
30212	LECT-DISC	A3	8	M	W	F	317	D	K	H
30221	LECT-DISC	E	1	M	W	F	219	D	K	H
30239	LECT-DISC	F	2	M	W	F	28	COM	W	
30247	LECT-DISC	G1	3	M	W	F	219	D	K	H
30255	LECT-DISC	G2	3	M	W	F	28	COM	W	
30263	LECT-DISC	H	4	M	W	F	123	D	K	H
30271	LECT-DISC	X1	12	M	W	F	28	COM	W	
30280	LECT-DISC	X2	12	M	W	F	219	D	K	H
30298	LECT-DISC	X3	12	M	W	F	226	COM	W	

FIN 257 CORPORATION FINANCE.
 FOR NON-COMMERCE STUDENTS ONLY.
 PREREQUISITE: ECON. 103 OR 108.
 CREDIT IS NOT GIVEN FOR BOTH FIN. 257 AND FIN. 254.
 3 HOURS

30301	LECT-DISC	D	11	M	W	F	219	D	K	H	OSBORN
30310	LECT-DISC	F	2	M	W	F	219	D	K	H	OSBORN

FIN 259 INVESTMENT.
 PREREQUISITE: ECON. 103 OR 108.
 3 HOURS

30328	LECT-DISC	C	10	M	W	F	219	D	K	H
30336	LECT-DISC	D	11	M	W	F	226	COM	W	
30344	LECT-DISC	M	9-11	TU			123	D	K	H
		M	9		TH		123	D	K	H
30352	LECT-DISC	N	11	TU			123	D	K	H
		N	10-12		TH		123	D	K	H

FIN 260 ECONOMICS OF INSURANCE.
 PREREQUISITE: ECON. 103 OR 108.
 3 HOURS

30361	LECT-DISC	C	10	M	W	F	226	COM	W	FORBES
30379	LECT-DISC	L	8-10	TU			226	COM	W	FORBES
		L	9		TH		226	COM	W	

FIN 262 LIFE INSURANCE.
 PREREQUISITE: ECON. 103 OR 108.
 3 HOURS

30387	LECT-DISC	A	8	M	W	F	226	COM	W	CAMMACK
30395	LECT-DISC	B	9	M	W	F	226	COM	W	CAMMACK
30409	LECT-DISC	L	8-10	TU			219	D	K	H
		L	9		TH		219	D	K	H
30417	LECT-DISC	N	10-12	TU			226	COM	W	
		N	10		TH		226	COM	W	

FIN 295 SENIOR RESEARCH.
 PREREQUISITE: SENIOR STANDING.
 2 TO 4 HOURS

30425	LECT-DISC	UTU	4-6	TU			317	D	K	H
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FIN 357 FINANCING SMALL BUSINESS.
 PREREQUISITE: FIN. 254 OR 257.
 3 HOURS, OR 1/2 TO 1 UNIT

30433	LECT-DISC	B	9	M	W	F	317	D	K	H	OSBORN
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FIN 359 SECURITIES ANALYSIS.
 PREREQUISITE: ACCY. 108--FIN. 254.
 3 HOURS, OR 1/2 TO 1 UNIT

30441	LECT-DISC	A	8	M	W	F	28	COM	W	LECLAIR
30450	LECT-DISC	C1	10	M	W	F	317	D	K	H
30468	LECT-DISC	C2	10	M	W	F	28	COM	W	LECLAIR

FIN 363 ESTATE PLANNING.
 PREREQUISITE: FIN. 262.
 3 HOURS, OR 1/2 TO 1 UNIT

30476	LECT-DISC	N	10-12	TU			28	COM	W	MEHR
		N	10		TH		28	COM	W	

FIN 364 FUNDAMENTALS OF REAL ESTATE AND URBAN ECONOMICS.
 PREREQUISITE: SIX HOURS OF ECONOMICS AND A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 TO 1 UNIT

30484	LECT-DISC	B	9	M	W	F	28	COM	W	GUNTERMANN
30492	LECT-DISC	E	1	M	W	F	28	COM	W	GUNTERMANN

FIN 366 VALUATION THEORY AND METHODS.
 PREREQUISITE: FIN. 364 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 TO 1 UNIT

30506	LECT-DISC	D	11	M	W	F	28	COM	W	GUNTERMANN
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FIN 371 PROPERTY AND LIABILITY INSURANCE.
 PREREQUISITE: FIN. 260.
 3 HOURS, OR 1/2 TO 1 UNIT
 30514 LECT-DISC E 1 M W F 206 D K H FORBES

COURSES FOR GRADUATES

FIN 425 THE MONEY MARKET AND FINANCIAL STABILIZATION.
 PREREQUISITE: FIN. 150.
 1 UNIT
 30522 LECT-DISC STU 2-4 TU 317 D K H ARLT

FIN 452 INVESTMENT BEHAVIOR.
 PREREQUISITE: MATH. 134 OR EQUIVALENT, ECON. 470 OR EQUIVALENT.
 1 UNIT
 30531 LECT-DISC EM 130-3 M W 317 D K H GENTRY

FIN 455 CORPORATION FINANCE.
 PREREQUISITE: FIN. 254.
 1 UNIT
 30549 LECT-DISC FF 2-4 F 317 D K H VAN ARSDELL

FIN 460 THEORY OF INSURANCE.
 1 UNIT
 30557 LECT-DISC LTU 9-10 TU 28 COM W MEHR

FIN 469 PROBLEMS AND POLICIES IN URBAN ECONOMICS.
 PREREQUISITE: FIN. 364, 468, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 30565 LECT-DISC GM 3-5 M 317 D K H COOPER

FIN 490 INDIVIDUAL STUDY AND RESEARCH.
 1/2 TO 1 UNIT
 30573 CONF ARR

FIN 499 THESIS RESEARCH.
 0 TO 4 UNITS
 30581 LECT-DISC HW 4-6 W 317 D K H
 30590 LECT-DISC UTH 4-6 TH 317 D K H

FOOD SCIENCE

DEPARTMENT OFFICE

213 M H

COURSES FOR ADVANCED UNDERGRADUATES

F S 202 PROCESSING AND QUALITY EVALUATION OF DAIRY AND FOOD PRODUCTS.
 PREREQUISITE: CHEM. 102.
 3 HOURS
 30603 LECT-DISC 3 M F 203 D M B STEINBERG,
 LAB 3-5 W 105 D M B TOBIAS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

F S 300 SPECIAL PROBLEMS.
 PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR
 TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE
 ON PROBATION.
 *MAXIMUM OF 2 UNITS ALLOWABLE CREDIT.
 *1 TO 5 HOURS, OR 3/4 TO 1 1/2 UNITS
 SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
 MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
 WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
 INSTRUCTOR.
 30611 CONF A ARR STAFF
 30620 CONF 6B ARR STAFF

F S 302 FOOD PROCESSING.
 PREREQUISITE: CHEM. 133, F. S. 202 AND 301.
 FIELD TRIPS.
 4 HOURS OR 1 UNIT
 30638 LECT 11 TU 203 D M B NELSON & WEI
 1 TU TH S WING H F L
 2-5 TU TH S WING H F L
 LAB

F S 324 PROBLEMS IN NUTRITION.
 SAME AS H. EC. 324.
 PREREQUISITE: CHEM. 354 OR 350 AND 355, H. EC. 220, SENIOR
 STANDING.
 3 TO 5 HOURS, OR 1/2 TO 1 UNIT
 *ONLY STUDENTS REGISTERING FOR 5 HOURS OR 1 UNIT CREDIT INCLUDE
 LABORATORY.
 30646 LECT 8 M W F 449 BEV HALL HASKELL
 30654 LAB *A 9-12 F 420 BEV HALL
 30662 LAB *6B 9-12 F 420 BEV HALL

F S 332 PRINCIPLES OF SANITATION IN THE PROCESSING AND HANDLING OF
 FOODS.
 PREREQUISITE: MCBIO. 100, 101 AND CHEM. 102 (NEW).
 FIELD TRIPS.
 2 HOURS OR 1/2 UNIT
 30671 LECT 1 M W 316S M H ORDAL, WITTE
 LAB 2 M W 558 BEV HALL

F S 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT., AND
 V. M. S. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT
 30689 LECT 9 TU TH W109 T H SEIF
 30697 LAB-DISC 1 1-3 TU W223 T H
 30701 LAB-DISC 2 3-5 TU W223 T H
 30719 LAB-DISC 3 1-3 W W121 T H
 30727 LAB-DISC 4 3-5 W W223 T H

F S 363 INTRODUCTION TO PROCESS ENGINEERING.
 SAME AS CH. E. 363.
 FOR STUDENT IN CHEMISTRY, ENGINEERING, AND FOOD SCIENCE, NOT
 OPEN TO MAJORS IN CHEMICAL ENGINEERING.
 PREREQUISITE: CALCULUS OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 30735 LECT 9 M W F 203 D M B STEINBERG

COURSES FOR GRADUATES

F S 421 SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS IN FOOD SCIENCE.
 1/4 UNIT
 30743 DISC 11 TH W109 T H STAFF

F S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
 SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT.,
 AND V. M. S. 440.
 PREREQUISITE: F. S. 340 OR EQUIVALENT.
 3/4 UNIT
 30751 LECT 9 M W W109 T H CARMER, WALK
 30760 LAB-DISC 1 1-3 TH W223 T H
 30778 LAB-DISC 2 3-5 TH W223 T H

F S 499 THESIS RESEARCH.
 0 TO 4 UNITS
 30786 CONF ARR STAFF

FORESTRY

DEPARTMENT OFFICE

219 M H

THE FORESTRY COURSES FOR ADVANCED UNDERGRADUATES ARE DESIGNED PRIMARILY FOR STUDENTS WHO ARE CANDIDATES FOR THE PROFESSIONAL DEGREE OF BACHELOR OF SCIENCE IN FORESTRY IN EITHER THE FOREST SCIENCE OR WOOD SCIENCE CURRICULUM. OTHER STUDENTS ARE ADMITTED TO MOST OF THESE COURSES, HOWEVER, IF THEY HAVE THE PREREQUISITES OR THE CONSENT OF THE INSTRUCTOR.

COURSES FOR UNDERGRADUATES

FOR	199	UNDERGRADUATE OPEN SEMINAR.						
		*MAY BE REPEATED.						
		*0 TO 9 HOURS						
	30794	CONF	ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES

FOR	200	SPECIAL PROBLEMS.						
		PREREQUISITE: A MINIMUM GRADE-POINT AVERAGE OF 3.75;						
		SENIOR STANDING; CONSENT OF INSTRUCTOR AND HEAD OF						
		DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED						
		IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD						
		SPECIAL PROBLEM COURSE.						
		1 TO 3 HOURS						
	30908	DISC	ARR					STAFF
FOR	222	ADVANCED FOREST MEASUREMENTS.						
		PREREQUISITE: FOR. 221, AGRON. 340.						
		3 HOURS						
	30816	LECT-DISC	1	TU TH	205	F S L		YOCOM
		LAB-DISC	2-5	TU	205	F S L		
FOR	232	WOOD UTILIZATION.						
		PREREQUISITE: FOR. 231.						
		ONE DAY FIELD TRIP. ESTIMATED COST \$3.00.						
		3 HOURS						
	30824	LECT-DISC	9	M W F	205	F S L		WALTERS
FOR	242	FOREST RESOURCES MANAGEMENT.						
		PREREQUISITE: SENIOR STANDING; FOR. 222.						
		4 HOURS						
	30832	LECT-DISC	9	M W F	218	AGR ENG		YOCOM
		LAB-DISC	1-4	F	205	F S L		
FOR	271	WOOD ANATOMY AND IDENTIFICATION.						
		PREREQUISITE: JUNIOR STANDING.						
		4 HOURS						
	30841	LECT-DISC	8	TU TH	W223	T H		GUIHER
		LAB-DISC	9-12	TU TH	W223	T H		
FOR	273	ADHESIVES AND LAMINATES.						
		PREREQUISITE: ENROLLMENT IN THE WOOD SCIENCE CURRICULUM OR						
		CONSENT OF INSTRUCTOR.						
		3 HOURS						
	30859	LECT-DISC	9	M W	100	F S L		GUIHER
		LAB-DISC	1-4	W	100	F S L		
FOR	274	WOOD PRESERVATION.						
		3 HOURS						
	30867	LECT-DISC	10	TU TH	100	F S L		WALTERS
		LAB-DISC	1-4	M	100	F S L		
FOR	275	SEMINAR IN WOOD SCIENCE.						
		PREREQUISITE: JUNIOR OR SENIOR STANDING IN THE WOOD TECHNOLOGY AND						
		UTILIZATION CURRICULUM.						
		2 HOURS						
	30975	CONF	ARR					CHOW, GUIHER, WALTERS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FOR 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., HORT., AND
 V. M. S. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT

30883	LECT	9	TU TH	W109	T H	SEIF
30891	LAB-DISC 1	1-3	TU	W223	T H	SEIF
30905	LAB-DISC 2	3-5	TU	W223	T H	SEIF
30913	LAB-DISC 3	1-3	W	W121	T H	SEIF
30921	LAB-DISC 4	3-5	W	W223	T H	SEIF

COURSES FOR GRADUATES

FOR 400 SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS IN FORESTRY.
 *STUDENTS MAY ACCUMULATE 1/2 UNIT.
 *1/4 UNIT

30930	DISC	ARR				GRADUATE ST.
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FOR 401 SPECIAL PROBLEMS.
 *NOT MORE THAN ONE UNIT MAY BE OFFERED TOWARD AN M.S. DEGREE.
 *1/2 OR 1 UNIT

30948	CONF	ARR				STAFF
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FOR 414 DISCUSSIONS IN FOREST ECOLOGY AND PHYSIOLOGY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *TOTAL CREDIT LIMITED TO ONE UNIT.
 *1/4 UNIT

30956	CONF	ARR				STAFF
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FOR 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., HORT.,
 AND V. M. S. 440.
 PREREQUISITE: FOR. 340 OR EQUIVALENT.
 3/4 UNIT

30964	LECT	9	M W	W109	T H	CARMER
30972	LAB-DISC 1	1-3	TH	W223	T H	CARMER
30981	LAB-DISC 2	3-5	TH	W223	T H	CARMER

FOR 460 DISCUSSIONS IN FOREST POLICY AND ADMINISTRATION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *TOTAL CREDIT LIMITED TO 1 UNIT.
 *1/4 UNIT

30999	CONF	ARR				STAFF
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FOR 499 THESIS RESEARCH.
 1 TO 3 UNITS

31005	CONF	ARR				STAFF
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FRENCH

DEPARTMENT OFFICE

244 L H

MAJOR: TWO TYPES OF MAJOR PROGRAMS ARE OFFERED: THE MAJOR IN FRENCH LITERATURE AND THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS. BOTH MAJORS PROVIDE SUITABLE PREPARATION FOR GRADUATE STUDY IN THE APPROPRIATE AREAS. (THE MAJOR IN FRENCH LITERATURE PROVIDES PREPARATION FOR GRADUATE WORK IN FRENCH. THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS PREPARES FOR GRADUATE WORK IN LINGUISTICS (SEE LINGUISTICS IN GRADUATE COLLEGE BULLETIN), AND PROVIDES PREPARATION FOR GRADUATE WORK IN THE DEPARTMENT OF FRENCH WITH THE ADDITION OF APPROPRIATE COURSES IN FRENCH LITERATURE TO BE DETERMINED BY THE ADVISOR.)

THE MAJOR IN FRENCH LITERATURE MUST COMPLETE FRENCH 201-202 AND SIX SEMESTER COURSES IN FRENCH LITERATURE AT THE 200-LEVEL AND ABOVE, EXCLUDING FRENCH 255-256, WITH THE PROVISION THAT NO MORE THAN TWO COURSES MAY BE CHOSEN FROM THE GROUP 207-208-209. STUDENTS ARE STRONGLY ADVISED TO TAKE A YEARS WORK IN EUROPEAN HISTORY AND A YEARS WORK IN ENGLISH LITERATURE.

THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS MUST COMPLETE FRENCH 211-212 AND 20 HOURS OF COURSES AT THE 200-LEVEL AND ABOVE, INCLUDING FRENCH 201-202 AND FRENCH 311, 313, 314, AND 316. A MINOR, MINIMUM 8 HOURS, IS STRONGLY RECOMMENDED IN LINGUISTICS OR IN A SECOND FOREIGN LANGUAGE, SUBJECT TO THE PROVISIONS LISTED BELOW UNDER THE MINOR REQUIREMENTS. STUDENTS ARE STRONGLY ADVISED TO TAKE LINGUISTICS 300, INTRODUCTION TO LINGUISTICS.

STUDENTS WHO INTEND TO TEACH FRENCH IN SECONDARY SCHOOLS ARE REFERRED TO THE STATEMENT OF REQUIREMENTS UNDER TEACHER EDUCATION CURRICULA IN THE BULLETIN ON UNDERGRADUATE STUDY.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, EXCLUDING THE FIRST TWO SEMESTERS OF MODERN FOREIGN LANGUAGE AND RHETORIC 101 AND 102, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: EDUCATION, ENGLISH, GERMAN, GREEK, HISTORY, HUMANITIES, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SPANISH, OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC, NOT INCLUDING APPLIED MUSIC, COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED.

SEQUENCE OF COURSES: STUDENTS WITH NO PREVIOUS CREDIT IN FRENCH REGISTER IN FRENCH 101. ENTERING STUDENTS WHO HAVE CREDIT IN FRENCH FROM HIGH SCHOOL MUST REGISTER IN THE COURSE INDICATED BY THE PLACEMENT TEST. STUDENTS WITH CREDIT FROM OTHER UNIVERSITIES REGISTER AS FOLLOWS: THOSE WITH ONE SEMESTER REGISTER IN FRENCH 102; WITH TWO SEMESTERS, IN FRENCH 103; WITH THREE SEMESTERS, IN FRENCH 104. STUDENTS WITH CREDITS IN HIGH SCHOOL FRENCH WHOSE PLACEMENT SCORE PUTS THEM BEYOND 104 AND STUDENTS WITH FOUR SEMESTERS OF COLLEGE FRENCH TAKEN ELSEWHERE MAY REGISTER IN THE 200-LEVEL COURSES BUT SHOULD BE GUIDED IN THE CHOICE OF COURSES BY AN ADVISOR IN THE DEPARTMENT OF FRENCH.

COURSES FOR UNDERGRADUATES

FR	101	ELEMENTARY COURSE, I.			
		FOR STUDENTS WHO HAVE NO CREDIT IN FRENCH.			
		NO CREDIT TOWARD GRADUATION IS GIVEN FOR FR. 101 WITHOUT FR. 102.			
		4 HOURS			
		ALL STUDENTS IN THIS COURSE EXCEPT FOR THOSE IN SECTION PE2 MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY			
		SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.			
	31013	LECT-DISC	A	8	MTU THF 309A H H
	31021	LECT-DISC	B	9	MTU THF 309A H H
	31030	LECT-DISC	C	10	MTU THF 309A H H
	31048	LECT-DISC	D	11	MTU THF 309A H H
	31056	LECT-DISC	X	12	MTU THF 309A H H

FR	101	CONTINUED						
	31064	LECT-DISC	E	1	MTU THF	309A	H H	
	31285	LECT-DISC	PE2	1	MTU THF	390	L H	PLATO
		LAB	PE2	3	TU TH	257	ER L	PLATO
			PE2	11		257	ER L	PLATO
	31072	LECT-DISC	F	2	MTU THF	309A	H H	
	31081	LAB	T 3	8-830	TU F	202	L H	
	31099	LAB	T 4	830-9	TU F	202	L H	
	31102	LAB	T 5	9-930	TU F	202	L H	
	31111	LAB	T 6	930-10	TU F	202	L H	
	31129	LAB	T 7	10-1030	TU F	202	L H	
	31137	LAB	T 8	1030-11	TU F	202	L H	
	31145	LAB	T 9	11-1130	TU F	202	L H	
	31153	LAB	T10	1130-12	TU F	202	L H	
	31161	LAB	T11	12-1230	TU F	202	L H	
	31170	LAB	T12	1230-1	TU F	202	L H	
	31188	LAB	T13	1-130	TU F	202	L H	
	31196	LAB	T14	130-2	TU F	202	L H	
	31200	LAB	T15	2-230	TU F	202	L H	
	31218	LAB	T16	230-3	TU F	202	L H	
	31226	LAB	T17	3-330	TU F	202	L H	
	31234	LAB	T18	330-4	TU F	202	L H	
	31242	LAB	T19	4-430	TU F	202	L H	
	31251	LAB	T20	430-5	TU F	202	L H	
	31269	LAB	T21	5-530	TU F	202	L H	
	31277	LAB	T22	530-6	TU F	202	L H	

FR 102 ELEMENTARY COURSE, II.
 PREREQUISITE: FR. 101 OR ONE YEAR OF HIGH SCHOOL FRENCH.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.
 ENROLLMENT IN SECTION &E1 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 101.

31293	LECT-DISC	A1	8	MTU THF	206	H H	
31307	LECT-DISC	A2	8	MTU THF	262	L H	
31315	LECT-DISC	B1	9	MTU THF	206	H H	
31323	LECT-DISC	B2	9	MTU THF	262	L H	
31331	LECT-DISC	C1	10	MTU THF	206	H H	
31340	LECT-DISC	C2	10	MTU THF	262	L H	
31358	LECT-DISC	D1	11	MTU THF	206	H H	
31366	LECT-DISC	D2	11	MTU THF	262	L H	
31374	LECT-DISC	X1	12	MTU THF	206	H H	
31382	LECT-DISC	X2	12	MTU THF	262	L H	
31641	LECT-DISC	&E1	1	MTU THF	206	H H	
31391	LECT-DISC	E2	1	MTU THF	262	L H	
31404	LECT-DISC	F1	2	MTU THF	206	H H	
31412	LECT-DISC	G1	3	MTU THF	206	H H	
31421	LECT-DISC	G2	3	MTU THF	262	L H	
31439	LECT-DISC	H1	4	MTU THF	206	H H	
31447	LAB	T 3	8-830	TU F	202	L H	
31455	LAB	T 4	830-9	TU F	202	L H	
31463	LAB	T 5	9-930	TU F	202	L H	
31471	LAB	T 6	930-10	TU F	202	L H	
31480	LAB	T 7	10-1030	TU F	202	L H	
31498	LAB	T 8	1030-11	TU F	202	L H	
31501	LAB	T 9	11-1130	TU F	202	L H	
31510	LAB	T10	1130-12	TU F	202	L H	
31528	LAB	T11	12-1230	TU F	202	L H	
31536	LAB	T12	1230-1	TU F	202	L H	
31544	LAB	T13	1-130	TU F	202	L H	
31552	LAB	T14	130-2	TU F	202	L H	
31561	LAB	T15	2-230	TU F	202	L H	
31579	LAB	T16	230-3	TU F	202	L H	
31587	LAB	T17	3-330	TU F	202	L H	
31595	LAB	T18	330-4	TU F	202	L H	
31609	LAB	T19	4-430	TU F	202	L H	
31617	LAB	T20	430-5	TU F	202	L H	
31625	LAB	T21	5-530	TU F	202	L H	
31633	LAB	T22	530-6	TU F	202	L H	

FR	103	MODERN FRENCH, I.					
		PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.					
		4 HOURS					
		ENROLLMENT IN 6B2 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 102.					
		PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.					
	31650	LECT-DISC	A1	8	MTU THF	301	N L
	31668	LECT-DISC	A2	8	MTU THF	374	L H
	31676	LECT-DISC	B1	9	MTU THF	301	N L
	31765	LECT-DISC	6B2	9	MTU THF	374	L H
	31684	LECT-DISC	C	10	MTU THF	301	N L
	31692	LECT-DISC	D	11	MTU THF	301	N L
	31706	LECT-DISC	X1	12	MTU THF	301	N L
	31714	LECT-DISC	X2	12	MTU THF	374	L H
	31722	LECT-DISC	E1	1	MTU THF	301	N L
	31731	LECT-DISC	E2	1	MTU THF	374	L H
	31749	LECT-DISC	F	2	MTU THF	301	N L
	31757	LECT-DISC	G	3	MTU THF	301	N L
FR	104	MODERN FRENCH, II.					
		PREREQUISITE: FR. 103 OR THREE YEARS OF HIGH SCHOOL FRENCH.					
		4 HOURS					
		PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.					
		*ENROLLMENT IN SECTION 6A2 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 103.					
		REGISTRATION IN LECTURE-DISCUSSION/LAB COMBINATION SECTION PF1 IS LIMITED TO STUDENTS WHO HAVE PREVIOUSLY BEEN ENROLLED IN A PLATO SECTION.					
		*STUDENTS REGISTERING IN FRENCH 104 ARE ASKED TO KEEP THE FOLLOWING IN MIND: SECTION A1 EMPHASIZES THE NATURAL SCIENCES; SECTIONS C AND F2 EMPHASIZE FRENCH CIVILIZATION; SECTIONS G AND X2 EMPHASIZE THE SOCIAL SCIENCES.					
	31838	LECT-DISC	*A1	8	MTU THF	331	ARMORY
	31820	LECT-DISC	*6A2	8	MTU THF	303	N L
	31773	LECT-DISC	B	9	MTU THF	303	N L
	31846	LECT-DISC	*C	10	MTU THF	303	N L
	31781	LECT-DISC	D	11	MTU THF	303	N L
	31790	LECT-DISC	X1	12	MTU THF	303	N L
	31862	LECT-DISC	*X2	12	MTU THF	302	L H
	31803	LECT-DISC	E	1	MTU THF	303	N L
	31889	LECT-DISC	PF1	2	MTU THF	303	N L
		LAB	PF1	3	M W	257	E R L
			PF1	10	S	257	E R L
	31854	LECT-DISC	*F2	2	MTU THF	331	ARMORY
	31871	LECT-DISC	*G	3	MTU THF	303	N L
	31811	LECT-DISC	H	4	MTU THF	303	N L
FR	106	INTENSIVE INTERMEDIATE FRENCH.					
		PREREQUISITE: FR. 102 OR 105 OR EQUIVALENT.					
		8 HOURS					
	31897	LECT-DISC		10-12	MTU THF	204N	H H MELVIN
FR	108	READINGS IN FRENCH.					
		PREREQUISITE: FR. 107.					
		3 HOURS					
	31901	LECT-DISC		10	M W F	3	G H
FR	111	CONVERSATIONAL FRENCH.					
		PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103.					
		4 HOURS					
	31919	LECT-DISC		12	MTU THF	236	L H
FR	113	CONVERSATIONAL PRACTICE.					
		PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH, CONCURRENT REGISTRATION IN FR. 103 OR 104.					
		1 HOUR					
		ALL STUDENTS IN THIS COURSE MUST ARRANGE FOR TWO HALF-HOUR LANGUAGE LABORATORY PERIODS.					
	31927	LECT-DISC	B	9	TU TH	204N	H H
	31935	LECT-DISC	X	12	TU TH	216	L H

FR 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 *SECTION A IS FOR INDEPENDENT STUDY.
 SECTION F IS FOR THOSE RESIDING IN FRENCH HOUSE.
 SECTION M IS FOR THOSE ENROLLED IN FRENCH 282.
 SECTION P IS FOR THOSE ENROLLED IN FRENCH TEACHER EDUCATION.

31943	CONF	A	ARR	
31951	CONF	F	ARR	
31960	CONF	M	ARR	
31978	CONF	P	ARR	

COURSES FOR ADVANCED UNDERGRADUATES

FR 201 INTRODUCTION TO FRENCH LITERATURE, I.
 PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
 3 HOURS
 *ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.

31986	LECT-DISC	B	9	M	W	F	302	L	H
31994	LECT-DISC	D	11	M	W	F	302	L	H
32019	LECT-DISC	*&E	1	M	W	F	302	L	H
32001	LECT-DISC	F	2	M	W	F	302	L	H

FR 202 INTRODUCTION TO FRENCH LITERATURE, II.
 PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
 3 HOURS
 *ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 201.

32027	LECT-DISC	B	9	M	W	F	3	G	H
32035	LECT-DISC	C	10	M	W	F	302	L	H
32043	LECT-DISC	D	11	M	W	F	3	G	H
32060	LECT-DISC	*&E	1	M	W	F	3	G	H
32051	LECT-DISC	F	2	M	W	F	3	G	H

FR 203 SELECTIONS IN CONTEMPORARY FRENCH LITERATURE.
 PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT.
 2 HOURS
 *DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.

32078	LECT-DISC	*11	M	W	F	219	G	H	TALBOT
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FR 211 ORAL FRENCH, I
 PREREQUISITE: FR. 104 OR 106, OR 103 AND 113, OR FOUR YEARS OF HIGH SCHOOL FRENCH.
 3 HOURS
 PRACTICE IN LANGUAGE LABORATORY IS OPTIONAL.
 *ENROLLMENT IN SECTION &F IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.

32086	LECT-DISC	A	8	MTU	THF	362	ARMORY
32094	LECT-DISC	B1	9	MTU	THF	362	ARMORY
32108	LECT-DISC	B2	9	MTU	THF	331	ARMORY
32116	LECT-DISC	C	10	MTU	THF	362	ARMORY
32124	LECT-DISC	D1	11	MTU	THF	362	ARMORY
32132	LECT-DISC	D2	11	MTU	THF	331	ARMORY
32141	LECT-DISC	E	1	MTU	THF	362	ARMORY
32159	LECT-DISC	*&F	2	MTU	THF	362	ARMORY

FR 212 ORAL FRENCH, II.
 PREREQUISITE: FR. 211.
 3 HOURS
 *ENROLLMENT IN SECTION &E1 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 211.

32167	LECT-DISC	A	8	MTU	THF	325	G	H
32175	LECT-DISC	B	9	MTU	THF	325	G	H
32183	LECT-DISC	C1	10	MTU	THF	325	G	H
32191	LECT-DISC	C2	10	MTU	THF	331	ARMORY	
32205	LECT-DISC	D1	11	MTU	THF	325	G	H
32213	LECT-DISC	D2	11	MTU	THF	236	L	H
32221	LECT-DISC	X	12	MTU	THF	325	G	H
32272	LECT-DISC	*&E1	1	MTU	THF	325	G	H
32230	LECT-DISC	E2	1	MTU	THF	331	ARMORY	
32248	LECT-DISC	F	2	MTU	THF	325	G	H
32256	LECT-DISC	G	3	MTU	THF	325	G	H
32264	LECT-DISC	H	4	MTU	THF	325	G	H

FR	213	COMPOSITION, I.									
		PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.									
		2 HOURS									
	32281	LECT-DISC	A	8	TU TH	236	L H				
	32299	LECT-DISC	C	10	TU TH	3	G H				
	32302	LECT-DISC	F	1	TU TH	3	G H				
FR	214	COMPOSITION, II.									
		PREREQUISITE: FR. 213.									
		2 HOURS									
	32311	LECT-DISC	A	8	TU TH	216	L H				
	32329	LECT-DISC	B	9	TU TH	3	G H				
	32337	LECT-DISC	C	10	TU TH	390	L H				
	32345	LECT-DISC	D	11	TU TH	302	L H				
	32353	LECT-DISC	F	2	TU TH	3	G H				
FR	215	INTENSIVE COMPOSITION.									
		PREREQUISITE: FR. 104 OR 106, OR FOUR YEARS OF HIGH SCHOOL FRENCH.									
		4 HOURS									
	32361	LECT-DISC		3	MTU THF	302	L H				
FR	217	ADVANCED ORAL FRENCH.									
		PREREQUISITE: FR. 212.									
		4 HOURS									
	32370	LECT-DISC	A	8-10	MTU THF	308	L H				
	32388	LECT-DISC	C	10-12	MTU THF	308	L H				
	32396	LECT-DISC	E	1-3	MTU THF	308	L H				
FR	220	SIXTEENTH CENTURY LITERATURE.									
		PREREQUISITE: FR. 201 AND 202 OR EQUIVALENT.									
		3 HOURS									
	32400	LECT-DISC		2	M W F	374	L H			B. BOWEN	
FR	224	FRENCH LITERATURE OF THE SEVENTEENTH CENTURY, II.									
		3 HOURS									
	32418	LECT-DISC		9	TU TH	236	L H			G. SAVIGNON	
FR	228	FRENCH LITERATURE OF THE EIGHTEENTH CENTURY, II.									
		3 HOURS									
	32426	LECT-DISC		10	TU TH	302	L H			V. BOWEN	
FR	231	FRENCH LITERATURE OF THE NINETEENTH CENTURY, II: REALISM AND NATURALISM.									
		PREREQUISITE: FR. 201 AND 202.									
		3 HOURS									
		*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.									
	32434	LECT-DISC		*2	M W F	219	G H			SHINALL	
FR	234	FRENCH LITERATURE OF THE CONTEMPORARY PERIOD, II.									
		3 HOURS									
	32442	LECT-DISC		11	TU TH	390	L H			WANNER	
FR	256	INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION, II.									
		SAME AS HUMAN. 256.									
		NOT OPEN TO STUDENTS MAJORING IN FRENCH.									
		4 HOURS									
	32451	LECT-DISC		10	M W F	219	G H				
FR	262	FRENCH ABROAD, II.									
		PREREQUISITE: FR. 261.									
		0 TO 15 HOURS									
		SECTION A IS FOR ADVANCED WORK IN LITERATURE, 6 HOURS. SECTION B IS FOR ADVANCED WORK IN LANGUAGE, 6 HOURS. SECTION C IS FOR WORK IN CIVILIZATION, 3 HOURS.									
	32469	LECT-DISC	A	ARR							
	32477	LECT-DISC	B	ARR							
	32485	LECT-DISC	C	ARR							

FR 282 TEACHERS COURSE.
 REQUIRED FOR TEACHER-TRAINING MAJORS IN FRENCH.
 PREREQUISITE: FR. 201 AND 202, OR 211 AND 212.
 2 HOURS
 DOES NOT MEET DURING THE PERIOD TEACHER-TRAINING MAJORS
 ARE OFF CAMPUS.

32493	LECT-DISC	E1	1	M	W	F	236	L	H	
32507	LECT-DISC	E2	1	M	W	F	219	G	H	MANDERA

FR 291 THESIS AND HONORS, I.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 32515 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FR 311 DICTION.
 IT IS RECOMMENDED THAT FR. 311 AND 313 BE TAKEN CONCURRENTLY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT

32531	LECT-DISC	C	10	TU	TH	219	G	H	LEROUX
32540	LECT-DISC	E	1	TU	TH	219	G	H	
32558	LECT-DISC	F	2	TU	TH	216	L	H	VIENS

FR 313 PHONETICS.
 IT IS RECOMMENDED THAT FR. 313 AND 311 BE TAKEN CONCURRENTLY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT

32566	LECT-DISC		11	TU	TH	219	G	H	MYERS
	LAB		11	M	W	F	257	E	R L

FR 314 SYNTAX.
 PREREQUISITE: FR. 213 AND 214, OR 215, OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT

32574	LECT-DISC	B	9	M	W	F	219	G	H
32582	LECT-DISC	F	2	M	W	F	390	L	H

FR 336 FRENCH CIVILIZATION, II.
 3 HOURS OR 3/4 UNIT
 *DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE
 OFF CAMPUS.

32591	LECT-DISC		*10	MTUWTHF	236	L	H	G. SAVIGNON
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FR 382 LANGUAGE LABORATORY TECHNIQUES.
 SAME AS GER., SLAV., AND SPAN. 382.
 PREREQUISITE: THREE YEARS OF MODERN FOREIGN LANGUAGE AT THE
 COLLEGE LEVEL, OR THE EQUIVALENT.
 2 HOURS OR 1/2 UNIT

32604	LECT-DISC		3	TU	TH	236	L	H
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COURSES FOR GRADUATES

FR 400 BEGINNING FRENCH FOR GRADUATE STUDENTS.
 4 HOURS

32612	LECT-DISC	A	8	MTU	THF	390	L	H	BAKER
32621	LECT-DISC	X	12	MTU	THF	3	G	H	BAKER
32639	LECT-DISC	H	4	MTU	THF	3	G	H	

FR 401 READING FRENCH FOR GRADUATE STUDENTS.
 PREREQUISITE: FR. 400, OR FR. 101 AND 102, OR EQUIVALENT.
 4 HOURS

32647	LECT-DISC	A	8	MTU	THF	3	G	H	
32655	LECT-DISC	B	9	MTU	THF	390	L	H	BAKER
32663	LECT-DISC	X	12	MTU	THF	390	L	H	

FR 404 THE STUDY OF CULTURE: FINE ARTS, HISTORY AND LITERATURE, II.
 PREREQUISITE: FR. 403 OR CONSENT OF INSTRUCTOR.
 1 UNIT

32671	LECT-DISC		8-10	M		236	L	H	NELSON
			9	W		236	L	H	

FR	425	EXPLICATION DE TEXTES, I. PREREQUISITE: GRADUATE STANDING IN FRENCH. 1 UNIT	32680	LECT-DISC	3	TU TH	390	L H	LEROUX
FR	436	STUDIES IN SEVENTEENTH CENTURY FRENCH LITERATURE, II. PREREQUISITE: GRADUATE STANDING IN FRENCH. 1 UNIT	32698	LECT-DISC	9	TU TH	219	G H	NELSON
FR	440	STUDIES IN NINETEENTH CENTURY FRENCH LITERATURE, II. 1 UNIT	32701	LECT-DISC	11	TU TH	170	L H	VELAN
FR	442	STUDIES IN TWENTIETH CENTURY FRENCH LITERATURE, II PREREQUISITE: GRADUATE STANDING IN FRENCH. 1 UNIT	32710	LECT-DISC	1-3	TU	236	L H	GRAY
FR	443	FRENCH STUDIES. 1 UNIT	32728	LECT-DISC	10	TU TH	374	L H	VIENS
FR	446	RESEARCH METHODS. 1/4 OR 1/2 UNIT	32736	LECT-DISC	ARR				
FR	450	HISTORICAL FRENCH GRAMMAR. PREREQUISITE: FR. 449; AN ELEMENTARY KNOWLEDGE OF LATIN. 1 UNIT	32744	LECT-DISC	1	M W F	429	L TB	KNUDSON
FR	456	STUDIES IN RECENT FRENCH CRITICISM. 1 UNIT	32752	LECT-DISC	1-3	TH	236	L H	GRAY
FR	468	OLD PROVENÇAL LITERATURE. PREREQUISITE: FR. 467 OR CONSENT OF INSTRUCTOR. 1 UNIT	32761	LECT-DISC	2	M W	236	L H	MAINOUS
FR	470	SEMINAR IN OLD FRENCH LITERATURE. PREREQUISITE: FR. 450. *COURSE MAY BE REPEATED FOR CREDIT. *1 UNIT TOPIC: LES CHANSONS DE GESTES.	32779	LECT-DISC	10-12	W	308	L H	KNUDSON
FR	471	SEMINAR IN SIXTEENTH CENTURY FRENCH LITERATURE. *COURSE MAY BE REPEATED FOR CREDIT. *1 UNIT TOPIC: MONTAIGNE.	32787	LECT-DISC	3-5	W	308	L H	B. BOWEN
FR	473	SEMINAR IN EIGHTEENTH CENTURY FRENCH LITERATURE. *COURSE MAY BE REPEATED FOR CREDIT. *1 UNIT TOPIC: DIDEROT.	32795	LECT-DISC	3-5	TH	308	L H	JOST
FR	474	SEMINAR IN NINETEENTH CENTURY FRENCH LITERATURE. *COURSE MAY BE REPEATED FOR CREDIT. *1 UNIT SUBJECT: BALZAC.	32809	LECT-DISC	1-3	W	308	L H	VELAN
FR	478	SEMINAR IN TWENTIETH CENTURY FRENCH LITERATURE. *COURSE MAY BE REPEATED FOR CREDIT. *1 UNIT SUBJECT: ASPECTS DU THEATRE OU DU CINEMA CONTEMPORAINS.	32817	LECT-DISC	3-5	M	236	L H	JAHEL

FR	486	SEMINAR IN PROUST, II. PREREQUISITE: FR. 342 OR CONSENT OF INSTRUCTOR. 1/2 UNIT						
	32825	LECT-DISC	3-5	TU	429	L18		KOLB
FR	491	INDIVIDUAL TOPICS. PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN FRENCH. 1/4 TO 1 UNIT *SECTION A: EDUCATION SEMINAR. *SECTION B: INDEPENDENT STUDY.						
	32833	LECT-DISC *A	3-5	W	219	G H		GRIFFITH
	32841	LECT-DISC *B	ARR					
FR	499	THESIS RESEARCH. 0 TO 4 UNITS						
	32850	CONF	ARR					

GENERAL EDUCATION

STUDENTS WHO ENTER THE SCIENCE AND LETTERS CURRICULUM IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR WHO ENTER OTHER SCHOOLS AND SUBSEQUENTLY TRANSFER TO THE COLLEGE ARE REQUIRED TO COMPLETE AT LEAST ONE APPROVED SEQUENCE IN EACH OF THESE AREAS: HUMANITIES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCE, AND SOCIAL SCIENCE.

THE FOLLOWING SEQUENCES HAVE BEEN APPROVED.

BIOLOGICAL SCIENCE

BIOL 100, 101
 PHYS 103 OR 203, PSYCH 103
 OR ANY EIGHT HOURS OF COURSES OFFERED BY THE SCHOOL OF LIFE SCIENCES.
 RECOMMENDED COURSES ARE: MCBIO 100 AND 101
 BOT 100 OR 101 PHYS 103 OR 203
 ENTOM 103 ZOOL 104

HUMANITIES

A SIX HOUR SEQUENCE IN ONE FOREIGN LITERATURE AT THE 200 AND 300 LEVEL (NOT LANGUAGE COURSES).

ART 111, 112, PLUS EITHER A 300 COURSE IN HISTORY OF ART OR PHIL 323	HIST 191, 192 HIST 247, 248 HIST 323, 324
CLCIV 110, 111, AND 112 CLCIV 301, 302	HUMAN 151, 152 HUMAN 201, 202
ENGL 101, 102, 103 131 OR AN ADVANCED COURSE	HUMAN 211, 212 HUMAN 215, 216
ENGL 115, 116 PLUS EITHER 131 OR AN ADVANCED COURSE INVOLVING THE STUDY OF AND 388 ARE EXCLUDED).	HUMAN 215, 216 HUMAN 363, 364 MUSIC 130, 131 MUSIC 130, 316, 317
ENGL 195, 196 ENGL 251, 252, 253, 287 (ANY TWO OF THESE FOUR COURSES).	PHIL 101, 102 AND ANY ONE OF THE FOLLOWING: 103, 105, OR 321.
ENGL 251, 252, 253, 287 (ANY TWO OF THESE FOUR COURSES).	COURSES EXCEPT PHIL 333, 334, 353, 354 AND 355.
ENGL 338, 339, 340 (ANY TWO OF THESE THREE COURSES).	PHIL 303, 306
FRENCH 255, 256	RUSS 115, 116
HIST 131, 132	SPEECH 177, 178

PHYSICAL SCIENCE

ASTR 101, 102 CHEM, ANY 8 HOURS GEOG 102, 103 GEOL 101, 102 L A S 141, 142	MATH 118, 119 OR ANY OTHER 8 HOUR SEQUENCE NOT INCLUDING MATH. 101 OR 118. MATH 124, 134 PHYCS, ANY 8 HOURS
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SOCIAL SCIENCE

ANTH 100 AND 174	HIST 247, 248
ANTH 261 AND ANY ONE	HIST 260, 261, 262
OF THE FOLLOWING	PHIL 103, 104
ANTH 101, 103 OR 174	POL S 150 AND ANTH 174
ANTH 102, 103	POL S 184, 191
ECON 108 AND ANY ONE	POL S 191, 192
OR TWO OF THE FOLLOWING	PSYCH 100, OR 105 AND
COURSES: ECON 214, 240	ANY ONE OF THE FOLLOW-
255, 288, 328, 350	ING: 201, 216, 248, 250
GEOG 104, 105	SOC 100 AND ANY ONE OF THE
HIST 111, 112	FOLLOWING: 212, 218, 223
HIST 151, 152	OR ANTH 174
HIST 191, 192	SOC 151, 152 (OR 275)

GENERAL ENGINEERING

DEPARTMENT OFFICE

117 T B

COURSES FOR UNDERGRADUATES

G E 101	ENGINEERING GRAPHICAL COMMUNICATION.					
	PREREQUISITE: PLANE GEOMETRY.					
	*CREDIT IS NOT GIVEN FOR G. E. 101 IN ADDITION TO G. E. 103					
	OR G. E. 105.					
	*3 HOURS					
32868	LAB-DISC	F9	9-12	TU TH	216	T B
G E 103	ENGINEERING GRAPHICS, I.					
	*CREDIT IS NOT GIVEN FOR G. E. 103 IN ADDITION TO G. E. 101 OR 105.					
	*3 HOURS					
32876	LAB-DISC	A2	8-10	M W F	303	T B
32884	LAB-DISC	A6	8-10	M W F	316	T B
32892	LAB-DISC	A11	8-10	M W F	114	T B
32906	LAB-DISC	B2	10-12	M W F	303	T B
32914	LAB-DISC	B6	10-12	M W F	316	T B
32922	LAB-DISC	B11	10-12	M W F	114	T B
32931	LAB-DISC	C1	1-3	M W F	302	T B
32949	LAB-DISC	C9	1-3	M W F	216	T B
32957	LAB-DISC	C11	1-3	M W F	114	T B
32965	LAB-DISC	D1	3-5	M W F	302	T B
32973	LAB-DISC	D6	3-5	M W F	316	T B
32981	LAB-DISC	D11	3-5	M W F	114	T B
32990	LAB-DISC	E11	8-10	TU TH S	114	T B
33006	LAB-DISC	F11	10-12	TU TH S	114	T B
33014	LAB-DISC	EG1	1-4	TU TH	302	T B
33022	LAB-DISC	EG6	1-4	TU TH	316	T B
G E 104	ENGINEERING GRAPHICS, II.					
	PREREQUISITE: G. E. 103 OR EQUIVALENT.					
	3 HOURS					
	*STUDENTS IN SECTION F3 WILL WORK WITH STUDENTS IN G. E. 242.					
33031	LAB-DISC	C2	1-3	M W F	303	T B
33049	LAB-DISC	C3	1-3	M W F	305	T B
33065	LAB-DISC	*F3	9-12	TU TH	305	T B
33057	LAB-DISC	F6	9-12	TU TH	316	T B
G E 105	ELEMENTS OF DRAWING.					
	PREREQUISITE: PLANE GEOMETRY.					
	*CREDIT IS NOT GIVEN FOR G. E. 105 IN ADDITION TO G. E. 101 OR 103.					
	*3 HOURS					
33073	LAB-DISC	B8	10-12	M W F	207	T B
33081	LAB-DISC	C7	1-3	M W F	201	T B
33090	LAB-DISC	G9	1-4	TU TH	216	T B
G E 107	GEOMETRY FOR ARCHITECTS.					
	PREREQUISITE: PLANE GEOMETRY.					
	2 HOURS					
33103	LAB-DISC	C8	1-3	M W F	207	T B

G E 108 GEOMETRY FOR ARCHITECTS.
 PREREQUISITE: G. E. 107.
 2 HOURS
 33111 LAB-DISC A8 8-10 M W F 207 T B

G E 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 33120 CONF A ARR

COURSES FOR ADVANCED UNDERGRADUATES

G E 212 GRAPHICAL CALCULATIONS.
 PREREQUISITE: G. E. 103 OR EQUIVALENT, MATH. 123.
 1 HOUR
 33138 LAB-DISC F2 10-12 TU 303 T B
 33146 LAB-DISC H3 3-5 TU 305 T B

G E 220 HISTORY OF ENGINEERING.
 PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS
 33154 LECT-DISC B 10 M W F 206 T B
 33162 LECT-DISC C 11 M W F 206 T B
 33171 LECT-DISC D 2 M W F 206 T B
 33189 LECT-DISC F 10-1120 TU TH 206 T B
 33197 LECT-DISC G 1-220 TU TH 206 T B

G E 221 INTRODUCTION TO GENERAL ENGINEERING DESIGN.
 PREREQUISITE: G. E. 103 AND 104, CREDIT OR REGISTRATION IN
 T. A. M. 150.
 3 HOURS
 33201 LECT-DISC A9 8-10 M W F 216 T B
 33219 LECT-DISC B9 10-12 M W F 216 T B

G E 230 ENGINEERING ASPECTS OF CONTEMPORARY SOCIETY.
 PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 33227 LECT-DISC H 3-420 TU TH 206 T B

G E 231 ENGINEERING ANALYSIS, I.
 PREREQUISITE: G. E. 221, T. A. M. 211.
 3 HOURS
 33235 LECT-DISC B4 10-12 M W F 306 T B
 33243 LECT-DISC C6 1-3 M W F 316 T B

G E 232 ENGINEERING ANALYSIS, II.
 PREREQUISITE: G. E. 231, T. A. M. 221.
 4 HOURS
 33251 LECT-DISC A 9 MTU THF 302 T B
 33260 LECT-DISC C 1 MTU THF 203 T B

G E 241 COMPONENT DESIGN.
 PREREQUISITE: G. E. 232, T. A. M. 224.
 4 HOURS
 33278 LECT-DISC A4 8-10 M F 306 T B
 A4 9 W 306 T B
 33286 LECT-DISC C4 1-3 M F 306 T B
 C4 1 W 306 T B

G E 242 PROJECT DESIGN.
 PREREQUISITE: G. E. 241, 288.
 3 HOURS
 33294 LECT-DISC A 9-12 TU TH 306 T B

G E 282 INTRODUCTION TO PATENT LAW.
 PREREQUISITE: SENIOR STANDING.
 1 HOUR
 33308 LECT-DISC A 4 M 206 T B
 33316 LECT-DISC B 8 W 206 T B

G E 288 ECONOMIC ANALYSIS FOR ENGINEERING DECISION MAKING.
 PREREQUISITE: JUNIOR STANDING IN ENGINEERING, OR CONSENT
 OF INSTRUCTOR.
 3 HOURS
 33324 DISC A 10 M W F 305 T B
 33332 DISC B 3 M W F 206 T B

G E 290 CONTRACTS AND SPECIFICATIONS
 SAME AS C. E. 290.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.
 *CREDIT IS NOT GIVEN FOR G. E. 290 IN ADDITION TO G. E. 292.
 *2 HOURS
 33341 LECT-DISC L 8 TU TH 305 E H
 33359 LECT-DISC P 11 TU TH 305 E H

G E 291 GENERAL ENGINEERING SEMINAR.
 PREREQUISITE: SENIOR STANDING IN GENERAL ENGINEERING.
 0 CREDIT
 33367 LECT-DISC A 3-5 W 203 T B

G E 292 ENGINEERING LAW.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE, OR
 CONSENT OF INSTRUCTOR.
 *CREDIT IS NOT GIVEN FOR G. E. 292 IN ADDITION TO G. E.
 OR C. E. 290.
 *3 HOURS
 33375 LECT-DISC A 9 M W F 206 T B
 33383 LECT-DISC C 2 M W F 203 T B

G E 293 SPECIAL PROBLEMS.
 PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 *SECTION G IS MORPHOLOGY OF DESIGN. CREDIT--3 HOURS.
 33391 CONF B ARR
 33405 CONF *G 1-4 TU 306 T B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

G E 304 PROFESSIONAL EXPRESSION.
 PREREQUISITE: ADVANCED OR GRADUATE STANDING AND CONSENT OF
 INSTRUCTOR.
 3 OR 4 HOURS, OR 1 UNIT
 *EQUIVALENT OF ANOTHER WEEKLY MEETING ARRANGED AT CONVENIENCE
 OF STUDENTS REGISTERING FOR FOUR HOURS OF CREDIT.
 33413 LECT-DISC D *11 M W F 305 T B

G E 330 INDUSTRIAL STANCARDIZATION.
 PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTURCTOR.
 2 HOURS OR 1/2 UNIT
 33421 LECT A 1 M W 206 T B

G E 334 INTRODUCTION TO RELIABILITY ENGINEERING.
 SAME AS I. E. 334.
 PREREQUISITE: I. E. 333 OR MATH. 361 OR EQUIVALENT WITH
 CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 33430 LECT-DISC 11 M W F 243 M E B

G E 348 AIR POLLUTION SEMINAR.
 SAME AS AG. E., C. E., GEOG., M. E., U. P., AND V. M. S. 348.
 PREREQUISITE: SENIOR OR GRADUATE STANDING.
 2 HOURS OR 1/2 UNIT
 33448 LECT-DISC 3-5 W 218 M E B

G E 393 SPECIAL PROBLEMS.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS, OR 1/4 TO 1 UNIT
 *SECTION A IS FOR GENERAL ENGINEERING STUDENTS
 *SECTION B IS AN HONORS SECTION.
 *SECTION C IS TECHNIQUES AND APPLICATIONS IN ENGINEERING
 DESIGN ANALYSIS. CREDIT--3 HOURS.
 *SECTION D IS OPTIMIZATION IN ENGINEERING DESIGN. CREDIT--3 HOURS.
 *SECTION E IS SCIENCE OF AEROSPACE. PREREQUISITE: EDUCATION
 MAJOR. CREDIT--3 HOURS OR 1 UNIT.
 SECTION G IS MORPHOLOGY OF DESIGN. CREDIT-3 HOURS OR 1 UNIT.

33456	CONF	*A	ARR			
33464	CONF	*B	ARR			
33472	CONF	*C	ARR			
33481	CONF	*D	ARR			
33499	CONF	*F	ARR			
33502	LECT-DISC	G		1-4	TU	306 T B

GEOGRAPHY

DEPARTMENT OFFICE

220 D H

MAJOR: TWENTY HOURS IN GEOGRAPHY IN ADDITION TO GEOGRAPHY 103. AT
 LEAST FIFTEEN OF THE TWENTY HOURS MUST BE IN COURSES CARRYING
 ADVANCED CREDIT. INDIVIDUAL PROGRAMS ARE ARRANGED FOR MAJOR
 STUDENTS WITH THE FOLLOWING SPECIAL INTERESTS: LIBERAL EDUCATION,
 BUSINESS, CARTOGRAPHY, GOVERNMENT, TEACHING, OR GRADUATE STUDY.
 THESE PROGRAMS INCLUDE DEPARTMENTAL COURSES, MINOR FIELDS, AND
 RECOMMENDED ELECTIVES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND
 SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY
 THE COLLEGE. MINOR PROGRAMS IN DEPARTMENTS OUTSIDE THE COLLEGE OF
 LIBERAL ARTS AND SCIENCES MAY BE ARRANGED IN CONSULTATION WITH
 THE DEPARTMENTAL ADVISER AND WITH THE APPROVAL OF THE DEAN OF
 THE COLLEGE. AT LEAST EIGHT HOURS OF THE TWENTY MINOR HOURS MUST
 BE TAKEN IN EACH IF THE STUDENT ELECTS TO MINOR IN TWO DIFFERENT
 DEPARTMENTS.

DEPARTMENTAL DISTINCTION: STUDENTS ELIGIBLE FOR GRADUATION WITH
 HONORS IN LIBERAL ARTS AND SCIENCES SHOULD CONSULT WITH THE
 DEPARTMENTAL ADVISER CONCERNING GRADUATION WITH DISTINCTION IN
 GEOGRAPHY.

COURSES FOR UNDERGRADUATES

GEOG 102 PHYSICAL GEOGRAPHY, I.

4 HOURS
 *SECTION 62 IS RESERVED FOR JAMES SCHOLARS AND OTHER
 SUPERIOR STUDENTS.

33511	LECT	N	10	TU TH	314	A H
33529	QUIZ	1	8-10	M	323	D H
33618	QUIZ	*62	8-10	W	323	D H
33537	QUIZ	3	8-10	TU	323	D H
33545	QUIZ	4	8-10	TH	323	D H
33553	QUIZ	5	1-3	W	323	D H
33561	QUIZ	6	1-3	F	323	D H
33570	QUIZ	7	8-10	F	323	D H
33568	QUIZ	8	1-3	TH	323	D H
33596	QUIZ	9	3-5	W	323	D H
23600	QUIZ	10	1-3	M	323	D H

NUNNALLY

GEOG 103 PHYSICAL GEOGRAPHY, II.

4 HOURS

*SECTION &5 IS RESERVED FOR JAMES SCHOLARS AND OTHER
SUPERIOR STUDENTS.

33626	LECT	M	9	TU TH	314	A H
33634	LECT	P	11	TU TH	314	A H
33642	LAB-DISC	1	8	M	175	D H
			8-10	W	175	D H
33651	LAB-DISC	2	8	TU	175	D H
		2	8-10	TH	175	D H
33669	LAB-DISC	3	9	M	177	D H
		3	8-10	F	177	D H
33677	LAB-DISC	4	9	TU	177	D H
		4	8-10	TH	177	D H
33791	LAB-DISC	*&5	10	M	175	D H
		*&5	10-12	W	175	D H
33685	LAB-DISC	6	10	M	177	D H
		6	10-12	W	177	D H
33693	LAB-DISC	7	11	TU	175	D H
		7	10-12	TH	175	D H
33707	LAB-DISC	8	11	M	175	D H
		8	10-12	F	175	D H
33715	LAB-DISC	9	11	M	177	D H
		9	10-12	F	177	D H
33723	LAB-DISC	10	1	TU	177	D H
		10	1-3	TH	177	D H
33731	LAB-DISC	11	1	M	175	D H
		11	1-3	F	175	D H
33740	LAB-DISC	12	2	M	175	D H
		12	1-3	W	175	D H
33758	LAB-DISC	13	2	TU	177	D H
		13	2-4	TH	175	D H
33766	LAB-DISC	14	3	M	175	D H
		14	3-5	W	175	D H
33774	LAB-DISC	15	3	TU	177	D H
		15	3-5	TH	177	D H
33782	LAB-DISC	16	4	M	175	D H
		16	3-5	W	177	D H

JOHNSON
JOHNSONMONK
MONK

GEOG 104 WORLD REGIONAL GEOGRAPHY.

4 HOURS

*SECTION &12 IS RESERVED FOR JAMES SCHOLARS AND OTHER
SUPERIOR STUDENTS.

33804	LECT	D	11	M W F	228	N H B
33812	QUIZ	1	8	M	177	D H
33821	QUIZ	2	8	TU	177	D H
33839	QUIZ	3	9	M	175	D H
33847	QUIZ	4	9	TU	175	D H
33855	QUIZ	5	10	TU	175	D H
33863	QUIZ	6	10	TH	177	D H
33871	QUIZ	7	11	TU	177	D H
33880	QUIZ	8	1	TH	175	D H
33898	QUIZ	9	1	W	177	D H
33901	QUIZ	10	2	M	177	D H
33910	QUIZ	11	2	TU	175	D H
33928	QUIZ	*&12	3	TU	175	D H

JAKLE

GEOG 105 INTRODUCTORY ECONOMIC GEOGRAPHY.

4 HOURS

*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER
SUPERIOR STUDENTS.

33936	LECT	D	11	M W F	124	BUR HALL
33944	QUIZ	1	8	W	177	D H
34010	QUIZ	*&2	9	F	175	D H
33952	QUIZ	3	10	TU	177	D H
33961	QUIZ	4	11	TH	177	D H
33979	QUIZ	5	1	TU	175	D H
33987	QUIZ	6	1	M	177	D H
33995	QUIZ	7	2	W	177	D H
34001	QUIZ	8	4	TU	177	D H

ROEPKE

GEOG 195 UNDERGRADUATE HONORS SEMINAR.

PREREQUISITE: FRESHMAN HONORS STUDENT.

3 HOURS

34028	LECT-DISC	&G1	3-5	TU	219	D H
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RUSSELL

GEOG 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

34036	CONF	ARR				
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STAFF

COURSES FOR ADVANCED UNDERGRADUATES

GEOG	201	ADVANCED PHYSICAL GEOGRAPHY. PREREQUISITE: GEOG. 103 OR CONSENT OF INSTRUCTOR. 3 HOURS	34044	LECT-DISC	D	11	M W F	323	D H	ALEXANDER
GEOG	210	GEOGRAPHY IN WORLD AFFAIRS. 3 HOURS	34052	LECT-DISC	C	10 10-12	TU TH	223	G H G H	FELLMANN, AND THOMPSON
GEOG	214	CONSERVATION OF NATURAL RESOURCES. 3 HOURS	34061	LECT-DISC		2	M W F	119	M M B	BOOTH
GEOG	220	THE HISTORICAL GEOGRAPHY OF NORTH AMERICA. PREREQUISITE: FOR JAMES SCHOLARS AND OTHER QUALIFIED STUDENTS. 3 HOURS	34079	LECT-DISC		3-5	W	219	D H	JAKLE
GEOG	272	INTRODUCTORY FIELD GEOGRAPHY. 5 TO 8 HOURS	34087	CONF		ARR				ALEXANDER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GEOG	332	GEOGRAPHY OF SOUTH AMERICA. 3 HOURS OR 3/4 UNIT	34095	LECT-DISC	A	1	M W F	113	D H	THOMPSON
		AIR POLLUTION SEMINAR. SAME AS AG. E., C. E., G. E., M. E., U. P., AND V. M. S. 348. PREREQUISITE: SENIOR OR GRADUATE STANDING. 2 HOURS OR 1/2 UNIT	34109	LECT-DISC		3-5	W	218	M E B	PIERSON
GEOG	361	GEOGRAPHY OF AGRICULTURAL LAND UTILIZATION. 3 HOURS OR 3/4 UNIT	34117	LECT-DISC	B	9	M W F	B	C A	FOSTER
GEOG	365	GEOGRAPHY OF TRANSPORTATION. 3 HOURS OR 3/4 UNIT	34125	LECT-DISC	F	11	M W F	113	D H	BOOTH
GEOG	366	LOCATION OF INDUSTRY AND OTHER ECONOMIC ACTIVITIES: THEORY AND PRACTICE. 3 HOURS OR 3/4 UNIT	34133	LECT-DISC	A	9	M W F	113	D H	ROEPKE
GEOG	372	INTRODUCTION TO RESEARCH, II. 2 HOURS OR 1/2 UNIT	34141	CONF		ARR				STAFF
GEOG	373	MAP COMPILATION AND CONSTRUCTION. 4 HOURS OR 1 UNIT	34150	LAB	F	2-5	M W	318	D H	FOSTER
GEOG	374	PROBLEMS IN HUMAN ECOLOGY. SAME AS ANTH., H. ED., PHYSL., PSYCH., SOC., AND V.M.S. 374. PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOO. 369. 4 HOURS OR 1 UNIT *ONE DISC HOUR TO BE ARRANGED.	34168	LECT-DISC		*11	M W F	393	BEV HALL	STAFF

GEOG 378 DESCRIPTIVE INTERPRETATION OF REMOTE SENSORS.
TWO HALF-DAY SATURDAY FIELD TRIPS ARE REQUIRED.
4 HOURS OR 1 UNIT
34176 LECT-DISC F 2 TU TH ARR NUNNALLY
34184 LAB 1 3-5 TU TH 324 D H
34192 LAB 2 3-5 M W 324 D H

GEOG 383 URBAN GEOGRAPHY.
3 HOURS OR 3/4 UNIT
34206 LECT-DISC G 1-215 TU TH 113 D H FELLMANN

GEOG 386 POLITICAL GEOGRAPHY.
3 HOURS OR 3/4 UNIT
34214 LECT-DISC F 2 M W F 113 D H AUGELLI

COURSES FOR GRADUATES

GEOG 412 ANALYTICAL CLIMATOLOGY.
PREREQUISITE: GEOG. 111, 313, OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT
34222 LECT-DISC 10 M W F 323 D H LAHEY

GEOG 473 PROBLEMS IN CARTOGRAPHY.
PREREQUISITE: GEOG. 373 OR CONSENT OF INSTRUCTOR.
1 UNIT
34231 CONF ARR 318 D H FOSTER

GEOG 495 ADVANCED STUDIES IN GEOGRAPHY.
1/2 TO 2 UNITS
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:
PHYSICAL GEOGRAPHY, AFRICA, AGRICULTURAL ORIGINS A ALEXANDER
CULTURAL, LATIN AMERICA B AUGELLI
ASIA, RESOURCE MANAGEMENT, TRANSPORTATION C BOOTH
URBAN, U. S. S. R. D FELLMAN
MIDDLE EAST, ADVANCED CARTOGRAPHY E FOSTER
ANGLO AMERICA, POLITICAL GEOGRAPHY, REGIONALISM F GARLAND
ECONOMIC GEOGRAPHY, INDUSTRIAL LOCATION, EUROPE G ROEPKE
MARKETING GEOGRAPHY H RUSSELL
HUMAN ECOLOGY, U. S. S. R. I SHIMKIN
LATIN AMERICA J THOMPSON
CLIMATOLOGY, METEOROLOGY K LAHEY
GEOMORPHOLOGY, SOILS, PALEOECOLOGY, ZOOGEOGRAPHY L JOHNSON
HISTORICAL, SOCIAL AND CULTURAL GEOGRAPHY M JAKLE
SOCIAL GEOGRAPHY, MIGRATION, QUANTITATIVE METHODS O ROSEMAN
GEOMORPHOLOGY S SCHEIDEGGER
ASIA, HISTORICAL W WIENS
34249 CONF A ARR ALEXANDER
34257 CONF B ARR AUGELLI
34265 CONF C ARR BOOTH
34273 CONF D ARR FELLMANN
34281 CONF E ARR FOSTER
34290 CONF F ARR GARLAND
34303 CONF G ARR ROEPKE
34311 CONF H ARR RUSSELL
34320 CONF I ARR SHIMKIN
34338 CONF J ARR THOMPSON
34346 CONF K ARR LAHEY
34354 CONF L ARR JOHNSON
34362 CONF M ARR JAKLE
34371 CONF O ARR ROSEMAN
34389 CONF S ARR SCHEIDEGGER
34397 CONF W ARR WIENS

GEOG 497 DEVELOPMENT OF GEOGRAPHIC THOUGHT.
1/2 UNIT
34401 LECT-DISC R 7-9PM M 219 D H JAKLE, ROSEMAN

GEOG 499 THESIS RESEARCH.
0 TO 4 UNITS
34419 CONF ARR STAFF

GEOLOGY

DEPARTMENT OFFICE

249 N H B

LAS CURRICULUM IN GEOLOGY: A TOTAL OF 130 HOURS OF CREDIT INCLUDING THE FOLLOWING COURSES: GEOLOGY 101, 102, 215, 301 OR 307 OR 357, 311, 320, 321, 331, 332, 335 AND 336; CHEMISTRY 101 AND 102 OR CHEMISTRY 107 AND 108; PHYSICS 106, 107 AND 108; MATHEMATICS 120, 130 AND 140 AND 8 HOURS OF BIOLOGICAL SCIENCE.

LAS GENERAL CURRICULUM:

MAJOR: NOT LESS THAN TWENTY HOURS IN GEOLOGY, EXCLUDING ALL 100-LEVEL GEOLOGY COURSES EXCEPT GEOLOGY 115. INCLUDED MUST BE GEOLOGY 331 AND 332 OR GEOLOGY 233, GEOLOGY 320 AND 321 OR GEOLOGY 222, GEOLOGY 215, AND AT LEAST ONE ADDITIONAL 300-LEVEL COURSE IN GEOLOGY.

IN ADDITION THE STUDENT MUST COMPLETE EITHER CHEMISTRY 101 OR 107, PHYSICS 101 OR 106, AND MATHEMATICS 120.

MINORS: TWENTY HOURS CHOSEN FROM ONE OR TWO OF THE FOLLOWING SUBJECTS: ANTHROPOLOGY, ASTRONOMY, BOTANY, CHEMISTRY, CIVIL ENGINEERING, ECONOMICS, GEOGRAPHY, MATHEMATICS, MINING ENGINEERING, PHYSICS, AND ZOOLOGY, AFTER CONSULTATION WITH THE DEPARTMENT OF GEOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

DEPARTMENTAL DISTINCTION: STUDENTS WHO MAINTAIN A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL GEOLOGY COURSES AND 4.0 IN ALL OTHER SCIENCE AND MATHEMATICS COURSES, AND WHO COMPLETE AN ACCEPTABLE BACHELOR'S THESIS BASED ON UNDERGRADUATE RESEARCH ARE RECOMMENDED FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

AT LEAST ONE YEAR OF GRADUATE WORK IS NECESSARY AS FURTHER TRAINING FOR ALL PROFESSIONAL WORK IN GEOLOGY. STUDENTS INTERESTED IN OCEANOGRAPHY SHOULD CONSULT WITH ADVISERS IN THE DEPARTMENT OF GEOLOGY.

COURSES FOR UNDERGRADUATES

GEOL 101 PHYSICAL GEOLOGY.

FIELD TRIP, ESTIMATED COST \$2.00.

4 HOURS

STUDENTS ENROLL IN LAB-DISC/LECTURE COMBINATION.

*SECTION 65 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS. ADMISSION TO THIS SECTION REQUIRES CONCURRENT REGISTRATION IN GEOLOGY 111.

THIS COURSE IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.

34427	LAB-DISC	1	8-10	TU	251	N H B
	LECT	B	9	M W F	228	N H B
34435	LAB-DISC	2	10-12	TU	251	N H B
	LECT	B	9	M W F	228	N H B
34443	LAB-DISC	3	1-3	TU	251	N H B
	LECT	B	9	M W F	228	N H B
34451	LAB-DISC	4	3-5	TU	251	N H B
	LECT	B	9	M W F	228	N H B
34516	LAB-DISC	*65	1-3	TU	120	N H B
	LECT	*B	9	M W F	228	N H B
34460	LAB-DISC	6	8-10	TH	251	N H B
	LECT	B	9	M W F	228	N H B
34478	LAB-DISC	7	10-12	W	251	N H B
	LECT	B	9	M W F	228	N H B
34486	LAB-DISC	8	1-3	TH	251	N H B
	LECT	B	9	M W F	228	N H B
34494	LAB-DISC	9	3-5	TH	251	N H B
	LECT	B	9	M W F	228	N H B
34508	LAB-DISC	10	3-5	W	251	N H B
	LECT	B	9	M W F	228	N H B

GEOLOGY 102 HISTORICAL GEOLOGY.

PREREQUISITE: GEOLOGY 101 OR 105 OR 250, OR L. A. S. 142.
FIELD TRIP, ESTIMATED COST \$5.50.

4 HOURS

STUDENTS MUST REGISTER IN ONE LAB-DISC/LECT COMBINATION.

*HONORS STUDENTS MUST REGISTER IN ONE &15 LAB-DISC/LECT COMBINATION AND MUST REGISTER CONCURRENTLY IN GEOLOGY 112.

*SECTIONS A AND F ARE INTENDED PRIMARILY FOR STUDENTS WHO PLAN TO MAJOR IN GEOLOGY OR IN OTHER SCIENCE; SECTION C IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.

34524	LAB-DISC	1	10-12	M	241	N H B	LANGENHEIM
	LECT	A	8	M W F	229	N H B	
34532	LAB-DISC	2	8-10	TU	241	N H B	
	LECT	A	8	M W F	229	N H B	BLAKE
34567	LAB-DISC	3	3-5	TU	241	N H B	
	LECT	C	10	M W F	228	N H B	
34575	LAB-DISC	4	8-10	TH	241	N H B	
	LECT	C	10	M W F	228	N H B	
34583	LAB-DISC	5	8-10	M	241	N H B	
	LECT	C	10	M W F	228	N H B	
34591	LAB-DISC	6	10-12	TU	241	N H B	
	LECT	C	10	M W F	228	N H B	
34605	LAB-DISC	7	10-12	TH	241	N H B	
	LECT	C	10	M W F	228	N H B	
34613	LAB-DISC	8	10-12	TH	251	N H B	
	LECT	C	10	M W F	228	N H B	
34621	LAB-DISC	9	1-3	TU	241	N H B	
	LECT	C	10	M W F	228	N H B	
34630	LAB-DISC	10	1-3	W	241	N H B	
	LECT	C	10	M W F	228	N H B	
34648	LAB-DISC	11	1-3	TH	241	N H B	
	LECT	C	10	M W F	228	N H B	
34656	LAB-DISC	12	3-5	M	241	N H B	
	LECT	C	10	M W F	228	N H B	
34541	LAB-DISC	13	3-5	TH	241	N H B	
	LECT	F	2	M W F	229	N H B	
34559	LAB-DISC	14	3-5	W	241	N H B	
	LECT	F	2	M W F	229	N H B	
34664	LAB-DISC	&15	1-3	TH	120	N H B	
	LECT	A	8	M W F	229	N H B	
34672	LAB-DISC	&15	1-3	TH	120	N H B	
	LECT	C	10	M W F	228	N H B	
34681	LAB-DISC	&15	1-3	TH	120	N H B	
	LECT	F	2	M W F	229	N H B	

GEOLOGY 105 AGRICULTURAL GEOLOGY.

FOR AGRICULTURE STUDENTS ONLY.

PREREQUISITE: ONE SEMESTER OF CHEMISTRY.

FIELD TRIP, ESTIMATED COST \$2.00.

4 HOURS

STUDENTS ENROLL IN ONE LAB/QUIZ/LECT COMBINATION.

34699	LAB	1	10-12	TU	413	N H B	FOLLMER
	QUIZ	1	1	W	413	N H B	
	LECT		9	TU TH	124	BUR HALL	
34702	LAB	2	1-3	TU	413	N H B	
	QUIZ	2	1	F	413	N H B	
	LECT		9	TU TH	124	BUR HALL	
34711	LAB	3	3-5	TU	413	N H B	
	QUIZ	3	1	W	251	N H B	
	LECT		9	TU TH	124	BUR HALL	
34729	LAB	4	10-12	TH	413	N H B	
	QUIZ	4	2	W	251	N H B	
	LECT		9	TU TH	124	BUR HALL	
34737	LAB	5	1-3	TH	413	N H B	
	QUIZ	5	2	F	413	N H B	
	LECT		9	TU TH	124	BUR HALL	
34745	LAB	6	3-5	TH	413	N H B	
	QUIZ	6	2	W	413	N H B	
	LECT		9	TU TH	124	BUR HALL	

GEOLOGY 111 HONORS: PHYSICAL GEOLOGY.

PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS SECTIONS OF GEOLOGY 101, JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.

2 DAY FIELD TRIP.

1 HOUR

34753	LAB-DISC	&A	ARR	147	N H B
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GEOL 112 HONORS: HISTORICAL GEOLOGY.
 PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS LABORATORY OF
 GEOL. 102, JAMES SCHOLAR OR CONSENT OF INSTRUCTOR.
 2 DAY FIELD TRIP.
 1 HOUR
 34761 LAB-DISC 6A ARR 120 N H B SANDBERG

GEOL 115 REGIONAL FIELD STUDY.
 PREREQUISITE: GEOL. 101, 105, OR 250, OR L. A. S. 142.
 *CREDIT IS GIVEN ONLY ON COMPLETION OF A SATISFACTORY WRITTEN
 REPORT.
 *2 HOURS
 34770 LAB-DISC ARR 229 N H B PRIDE

GEOL 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 34788 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

GEOL 233 MINERALS AND ROCKS.
 PREREQUISITE: CHEM. 101, GEOL. 102, OR CONSENT OF INSTRUCTOR.
 *CREDIT NOT ALLOWED FOR BOTH GEOL. 233 AND 331.
 *4 HOURS
 34796 LECT 9 TU TH 229 N H B HAGNER
 LAB 10-12 TU TH 208 N H B

GEOL 290 RESEARCH AND THESIS.
 CREDIT TO BE ARRANGED.
 34800 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GEOL 311 STRUCTURAL GEOLOGY.
 PREREQUISITE: GEOL. 102, G. E. 205, OR CONSENT OF INSTRUCTOR.
 2 DAY FIELD TRIP.
 4 HOURS OR 1 UNIT
 34818 LECT 10 M W F 229 N H B WOOD
 34826 LAB 1 1-3 TU 147 N H B
 34834 LAB 2 3-5 TU 147 N H B
 34842 LAB 3 3-5 TH 147 N H B

GEOL 315 ADVANCED FIELD METHODS.
 PREPARATION OF A REPORT.
 PREREQUISITE: GEOL. 215.
 2 TO 8 HOURS, OR 1/2 TO 2 UNITS
 34851 CONF ARR STAFF

GEOL 321 PRINCIPLES OF STRATIGRAPHY.
 PREREQUISITE: GEOL. 102.
 4 HOURS OR 1 UNIT
 34869 LECT 11 M W F 229 N H B LANGENHEIM
 34877 LAB 1 8-10 TU 120 N H B MANN
 34885 LAB 2 10-12 TU 120 N H B
 34893 LAB 3 10-12 TH 120 N H B

GEOL 332 MINERALOGY-PETROLOGY.
 PREREQUISITE: GEOL. 331.
 4 HOURS OR 1 UNIT
 34907 LECT 8 M W 147 N H B D. ANDERSON
 34915 LAB 1 1-3 TU TH 109 N H B
 34923 LAB 2 3-5 TU TH 109 N H B
 34931 LAB 3 8-10 TU TH 109 N H B

GEOL 336 PETROGRAPHY.
 PREREQUISITE: GEOL. 335.
 4 HOURS OR 1 UNIT
 34940 LECT 9 TU TH 204 N H B HENDERSON
 LAB 3-5 TU TH 204 N H B

GEOL	351	GEOPHYSICAL PROSPECTING. SAME AS MIN. F. 351. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR GEOLOGY, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT	9	M	W	F	403	M	M	B	DE WITTE
	34958	LECT-DISC									
GEOL	360	CHEMISTRY OF THE EARTH. PREREQUISITE: GEOL. 332. 3 HOURS OR 3/4 UNIT	9	M	W	F	229	N	H	B	ANDERSON, T. AND GRAF
	34966	LECT									

COURSES FOR GRADUATES

GEOL	420	PALEOECOLOGY. PREREQUISITE: GEOL. 320 OR EQUIVALENT. 1 UNIT	11	M	W	F	236	N	H	B	COLLINSON
	34974	LECT LAB	1-3			TU	236	N	H	B	
GEOL	426	MICROPALAEONTOLOGY: OSTRACODA. PREREQUISITE: GEOL. 320 OR ZOOLOG. 320. 1 UNIT	10			TU TH	138	N	H	B	SANDBERG
	34982	LECT									
GEOL	431	STRUCTURAL MINERALOGY. PREREQUISITE: GEOL. 430 AND CONSENT OF INSTRUCTOR. 1 UNIT	1	M	W		109	N	H	B	GUVEN HENDERSON
	34991	LECT LAB	2-4			F	109	N	H	B	
GEOL	432	SEDIMENTARY GEOCHEMISTRY. PREREQUISITE: GEOL. 360 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR; SOME BACKGROUND IN PHYSICAL CHEMISTRY DESIRABLE. 1 UNIT	11	M	W	F	109	N	H	B	GRAF
	35007	LECT									
GEOL	444	MINERAL DEPOSITS, II. PREREQUISITE: GEOL. 443. 1 UNIT	3-5	M	W		208	N	H	B	HAGNER
	35015	LAB-DISC									
GEOL	451	PRACTICE OF ENGINEERING GEOLOGY. PREREQUISITE: GEOL. 450 AND C. E. 383, OR CONSENT OF INSTRUCTOR. THREE OR FOUR DAY FIELD TRIP TO VISIT ENGINEERING CONSTRUCTION PROJECTS IS INTEGRAL PART OF COURSE. 1 UNIT	9-12			S	316	N	H	B	DEERE, PATTON
	35023	LAB-DISC									
GEOL	456	ADVANCED HYDROGEOLOGY. PREREQUISITE: GEOL. 455. 1 UNIT	3-5			TU TH	315	N	H	B	DOMENICO
	35031	LAB-DISC									
GEOL	477	MARINE GEOTECHNIQUE. PREREQUISITE: GEOL. 437 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT	1	M	W	F	134	N	H	B	KLEIN, STANLEY
	35040	LECT LAB	ARR								
GEOL	488	ADVANCED STRUCTURAL GEOLOGY. PREREQUISITE: GEOL. 311, OR CONSENT OF INSTRUCTOR. 1 UNIT	10-12			TU	147	N	H	B	DONATH, WOOD
	35058	LECT LAB-DISC	10-12			TH	147	N	H	B	

GEOL 493 ADVANCED STUDIES IN GEOLOGY.

1/2 TO 2 UNITS

A--CLAY MINERALOGY
B--ENGINEERING GEOLOGY
C--GEOMORPHOLOGY AND GLACIAL GEOLOGY
D--GEOTECTONICS
E--GROUND-WATER GEOLOGY
F--MICROPALAEONTOLOGY
G--MINERAL DEPOSITS
H--MINERALOGY AND CRYSTALLOGRAPHY
I--PALEONTOLOGY
J--GEOCHEMISTRY
K--GEOPHYSICS
L--PETROGRAPHY AND PETROLOGY
M--SEDIMENTOLOGY
N--STRATIGRAPHY
O--OCEANOGRAPHY AND OCEAN ENGINEERING
P--SUBMARINE GEOLOGY
Q--STRUCTURAL GEOLOGY

35066	CONF	A	ARR
35074	CONF	B	ARR
35082	CONF	C	ARR
35091	CONF	D	ARR
35104	CONF	E	ARR
35112	CONF	F	ARR
35121	CONF	G	ARR
35139	LECT	H	ARR
	CONF	H	ARR
35147	LECT	I	ARR
	CONF	I	ARR
35155	LECT	J	ARR
	CONF	J	ARR
35163	CONF	K	ARR
35171	CONF	L	ARR
35180	CONF	M	ARR
35198	CONF	N	ARR
35201	CONF	O	ARR
35210	CONF	P	ARR
35228	CONF	Q	ARR

GUVEN
DEERE, PATTON
WHITE, JOHNS
CAROZZI, WOOD
DOMENICO
COLLINSON, H.
& SANDBERG
HAGNER
GUVEN
GUVEN
HENDERSON
HAYLENA
BLAKE, HAY &
LANGENHEIM,
SANDBERG
HOLDER
T. ANDERSON
GRAF
DONATH, HOLDI
PALCIAUSKAS
D. ANDERSON
CHAPMAN
CAROZZI KLEIN
STANLEY
LANGENHEIM
HAY, KLEIN
MANN
STANLEY
KLEIN, STANLEY
DONATH, WOOD

GEOL 499 THESIS RESEARCH.

0 TO 4 UNITS

35236	CONF	ARR
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STAFF

GERMAN

GERMANIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 371 L H

MAJOR: TWENTY-FOUR HOURS IN GERMAN, EXCLUDING GERMAN 101, 102, 103, 104, AND 113, AND INCLUDING GERMAN 302, 303, 320, AND ONE OTHER LITERATURE COURSE AT THE 300-LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS CHOSEN FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT: EDUCATION, ENGLISH (EXCLUDING RHET. 101, 102, AND 200), FRENCH, GREEK, HISTORY, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS (EXCLUDING LING. 301), MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SCANDINAVIAN, AND SPANISH. THE FIRST SEMESTER OF ANY FOREIGN LANGUAGE (FR. 101, GRK. 101, ITAL. 101, LAT. 101, PORT. 101, RUSS. 101, SPAN. 101) MAY NOT BE COUNTED TOWARD A MINOR IN THAT LANGUAGE.

COURSES FOR UNDERGRADUATES

GER 101 ELEMENTARY COURSE, I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GER. 101 WITHOUT GER. 102.

*4 HOURS

STUDENTS MUST REGISTER FOR ONE LECTURE, ONE LECTURE-DISCUSSION AND FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3-M29 SECTIONS.

35244	LECT	C2	10	TU	101	ARMORY
35252	LECT	D2	11	TU	101	ARMORY
35261	LECT	E2	1	TU	101	ARMORY
35279	LECT-DISC	A	8	M WTH	186	L H
35287	LECT-DISC	B	9	M WTH	223	D K H
35295	LECT-DISC	C1	10	M WTH	388	L H
35309	LECT-DISC	D1	11	M WTH	329	G H
35317	LECT-DISC	E1	1	M WTH	396	L H
35325	LECT-DISC	F1	2	M WTH	111	G H
35333	LECT-DISC	G	3	M WTH	329	G H
35341	LAB	M 3	8-830	M W	202	L H
35350	LAB	M 4	830-9	M W	202	L H
35368	LAB	M 5	9-930	M W	202	L H
35376	LAB	M 6	930-10	M W	202	L H
35384	LAB	M 7	10-1030	M W	202	L H
35392	LAB	M 8	1030-11	M W	202	L H
35406	LAB	M 9	11-1130	M W	202	L H
35414	LAB	M10	1130-12	M W	202	L H
35422	LAB	M11	12-1230	M W	202	L H
35431	LAB	M12	1230-1	M W	202	L H
35449	LAB	M13	1-130	M W	202	L H
35457	LAB	M14	130-2	M W	202	L H
35465	LAB	M15	2-230	M W	202	L H
35473	LAB	M16	230-3	M W	202	L H
35481	LAB	M17	3-330	M W	202	L H
35490	LAB	M18	330-4	M W	202	L H
35503	LAB	M19	4-430	M W	202	L H
35511	LAB	M20	430-5	M W	202	L H
35520	LAB	M21	5-530	M W	202	L H
35538	LAB	M22	530-6	M W	202	L H
35546	LAB	M25	7-730PM	M W	202	L H
35554	LAB	M26	730-8PM	M W	202	L H
35562	LAB	M27	8-830PM	M W	202	L H
35571	LAB	M28	830-9PM	M W	202	L H
35589	LAB	M29	ARR		202	L H

GER 102 ELEMENTARY COURSE, II.
PREREQUISITE: GER. 101 OR ONE YEAR OF HIGH SCHOOL GERMAN.

*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M29 SECTIONS.

*EMPHASIS IS ON READING IN SECTIONS A2, B2, C2, AND F2.

35597	LECT-DISC	A1	8	MTUWTH	162	L H
36053	LECT-DISC	*A2	8	MTUWTH	270	L H
35601	LECT-DISC	B1	9	MTUWTH	111	G H
36061	LECT-DISC	*B2	9	MTUWTH	396	L H

GER 102 CONTINUED

35619	LECT-DISC	B3	9	MTUWTH	304	G H
35627	LECT-DISC	B4	9	MTUWTH	210A	E B
35635	LECT-DISC	C1	10	MTUWTH	329	G H
36070	LECT-DISC	*C2	10	MTUWTH	396	L H
35643	LECT-DISC	C3	10	MTUWTH	138	ADMIN
35651	LECT-DISC	D1	11	MTUWTH	370	L H
35660	LECT-DISC	D2	11	MTUWTH	388	L H
35678	LECT-DISC	D3	11	MTUWTH	430	ARMORY
35686	LECT-DISC	D4	11	MTUWTH	432	ARMORY
35694	LECT-DISC	X1	12	MTUWTH	270	L H
35708	LECT-DISC	X2	12	MTUWTH	336	L H
35716	LECT-DISC	X3	12	MTUWTH	162	L H
35724	LECT-DISC	E1	1	MTUWTH	162	L H
35732	LECT-DISC	E2	1	MTUWTH	223	D K H
35741	LECT-DISC	E3	1	MTUWTH	210A	E B
35759	LECT-DISC	E4	1	MTUWTH	325	D K H
35767	LECT-DISC	F1	2	MTUWTH	223	D K H
36088	LECT-DISC	*F2	2	MTUWTH	388	L H
35775	LECT-DISC	F3	2	MTUWTH	210A	E B
35783	LECT-DISC	G1	3	MTUWTH	223	D K H
35791	LECT-DISC	G2	3	MTUWTH	210	C A
35805	LAB	M 3	8-830	M W	202	L H
35813	LAB	M 4	830-9	M W	202	L H
35821	LAB	M 5	9-930	M W	202	L H
35830	LAB	M 6	930-10	M W	202	L H
35848	LAB	M 7	10-1030	M W	202	L H
35856	LAB	M 8	1030-11	M W	202	L H
35864	LAB	M 9	11-1130	M W	202	L H
35872	LAB	M10	1130-12	M W	202	L H
35881	LAB	M11	12-1230	M W	202	L H
35899	LAB	M12	1230-1	M W	202	L H
35902	LAB	M13	1-130	M W	202	L H
35911	LAB	M14	130-2	M W	202	L H
35929	LAB	M15	2-230	M W	202	L H
35937	LAB	M16	230-3	M W	202	L H
35945	LAB	M17	3-330	M W	202	L H
35953	LAB	M18	330-4	M W	202	L H
35961	LAB	M19	4-430	M W	202	L H
35970	LAB	M20	430-5	M W	202	L H
35988	LAB	M21	5-530	M W	202	L H
35996	LAB	M22	530-6	M W	202	L H
36002	LAB	M25	7-730 PM	M W	202	L H
36011	LAB	M26	730-8 PM	M W	202	L H
36029	LAB	M27	8-830 PM	M W	202	L H
36037	LAB	M28	830-9 PM	M W	202	L H
36045	LAB	M29	ARR		202	L H

GER 103 INTERMEDIATE COURSE, I.

PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT.

4 HOURS

*SECTION D IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL C2 SECTION OF GERMAN 104.

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

36096	LECT-DISC	A	8	MTUWTH	388	L H
36100	LECT-DISC	B	9	MTUWTH	201	N L
36118	LECT-DISC	C	10	MTUWTH	162	L H
36401	LECT-DISC	*D	11	MTUWTH	210	C A
36126	LECT-DISC	X	12	MTUWTH	329	G H
36134	LECT-DISC	E	1	MTUWTH	201	N L
36142	LECT-DISC	F	2	MTUWTH	396	L H
36151	LECT-DISC	G	3	MTUWTH	111	G H
36169	LAB	M 3	8-830	M W	202	L H
36177	LAB	M 4	830-9	M W	202	L H
36185	LAB	M 5	9-930	M W	202	L H
36193	LAB	M 6	930-10	M W	202	L H
36207	LAB	M 7	10-1030	M W	202	L H
36215	LAB	M 8	1030-11	M W	202	L H
36223	LAB	M 9	11-1130	M W	202	L H
36231	LAB	M10	1130-12	M W	202	L H
36240	LAB	M11	12-1230	M W	202	L H
36258	LAB	M12	1230-1	M W	202	L H
36266	LAB	M13	1-130	M W	202	L H
36274	LAB	M14	130-2	M W	202	L H

GER	103	CONTINUED					
	36282	LAB	M15	2-230	M W	202	L H
	36291	LAB	M16	230-3	M W	202	L H
	36304	LAB	M17	3-330	M W	202	L H
	36312	LAB	M18	330-4	M W	202	L H
	36321	LAB	M19	4-430	M W	202	L H
	36339	LAB	M20	430-5	M W	202	L H
	36347	LAB	M21	5-530	M W	202	L H
	36355	LAB	M22	530-6	M W	202	L H
	36363	LAB	M25	7-730PM	M W	202	L H
	36371	LAB	M26	730-8PM	M W	202	L H
	36380	LAB	M27	8-830PM	M W	202	L H
	36398	LAB	M28	830-9PM	M W	202	L H

GER 104* INTERMEDIATE COURSE, II.

PREREQUISITE: GER. 103, OR THREE YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT.

4 HOURS

*SECTION C2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE.

STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE

SPECIAL D SECTION OF GERMAN 103.

*SECTION X2 IS EXPOSITORY READING TO SUCCEED GER. 123.

36410	LECT-DISC	A	8	MTUWTH	396	L H
36428	LECT-DISC	B1	9	MTUWTH	210	C A
36436	LECT-DISC	B2	9	MTUWTH	432	ARMORY
36444	LECT-DISC	C1	10	MTUWTH	210	C A
36762	LECT-DISC	*C2	10	MTUWTH	223	D K H
36452	LECT-DISC	D1	11	MTUWTH	223	D K H
36461	LECT-DISC	D2	11	MTUWTH	396	L H
36479	LECT-DISC	X1	12	MTUWTH	111	G H
36771	LECT-DISC	*X2	12	MTUWTH	388	L H
36487	LECT-DISC	E1	1	MTUWTH	210	C A
36495	LECT-DISC	E2	1	MTUWTH	432	ARMORY
36509	LECT-DISC	F	2	MTUWTH	329	G H
36517	LECT-DISC	G	3	MTUWTH	388	L H
36525	LAB	M 3	8-830	M TH	202	L H
36533	LAB	M 4	830-9	M TH	202	L H
36541	LAB	M 5	9-930	M TH	202	L H
36550	LAB	M 6	930-10	M TH	202	L H
36568	LAB	M 7	10-1030	M TH	202	L H
36576	LAB	M 8	1030-11	M TH	202	L H
36584	LAB	M 9	11-1130	M TH	202	L H
36592	LAB	M10	1130-12	M TH	202	L H
36606	LAB	M11	12-1230	M TH	202	L H
36614	LAB	M12	1230-1	M TH	202	L H
36622	LAB	M13	1-130	M TH	202	L H
36631	LAB	M14	130-2	M TH	202	L H
36649	LAB	M15	2-230	M TH	202	L H
36657	LAB	M16	230-3	M TH	202	L H
36665	LAB	M17	3-330	M TH	202	L H
36673	LAB	M18	330-4	M TH	202	L H
36681	LAB	M19	4-430	M TH	202	L H
36690	LAB	M20	430-5	M TH	202	L H
36703	LAB	M21	5-530	M TH	202	L H
36711	LAB	M22	530-6	M TH	202	L H
36720	LAB	M25	7-730PM	M TH	202	L H
36738	LAB	M26	730-8PM	M TH	202	L H
36746	LAB	M27	8-830PM	M TH	202	L H
36754	LAB	M28	830-9PM	M TH	202	L H

GER 107 READINGS IN GERMAN.

PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO GER. 103.

3 HOURS

36789	LECT-DISC	E	1	M WTH	111	G H	ALLEN
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GER 111 CONVERSATIONAL GERMAN.

PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO GER. 103.

4 HOURS

36797	LECT-DISC	E	1	MTUWTH	336	L H	FOLTER
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GER 113 PRACTICE IN CONVERSATION.

PREREQUISITE: GER. 102 OR EQUIVALENT. STUDENTS WHO HAVE COMPLETED GER. 104 MAY ENROLL ONLY WITH DEPARTMENTAL PERMISSION.

2 HOURS

36801	LECT-DISC	M	9	TU TH	388	L H	PABISCH
36819	LECT-DISC	P	11	TU TH	270	L H	PABISCH

GER	123	INTERMEDIATE COURSE. PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT. 4 HOURS	36927	LECT-DISC D	11	MTUWTH	186	L H	SCHWALBE
GER	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS SECTION M TOPIC: GERMAN LYRICS FOR BEGINNERS.	36835 36843	CONF LECT-DISC M	ARR 9	TU TH	162	L H	HAILE
COURSES FOR ADVANCED UNDERGRADUATES									
GER	201	GERMAN LITERATURE SINCE 1648 IN ENGLISH TRANSLATION. SAME AS HUMAN. 210. 3 HOURS NO KNOWLEDGE OF GERMAN REQUIRED.	36851	LECT-DISC D	11	M W F	336	L H	DELL'ORTO
GER	210	MASTERPIECES OF GERMAN LITERATURE. PREREQUISITE: TWO YEARS OF COLLEGE GERMAN OR EQUIVALENT. 3 HOURS	36860 36878 36886	LECT-DISC B LECT-DISC C LECT-DISC E	9 10 1	M W F M W F M W F	186 186 332	L H L H ARMORY	GRAY MCGLATHERY
GER	211	CONVERSATION AND WRITING, I. PREREQUISITE: GER. 103 AND 113, OR GER. 104, OR EQUIVALENT. 3 HOURS	36994 36908 36916	LECT-DISC F1 LECT-DISC F2 LECT-DISC G	2 2 3	MTUWTH MTUWTH MTUWTH	162 270 186	L H L H L H	GERLACH
GFP	212	CONVERSATION AND WRITING, II. PREREQUISITE: GER. 211 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. 3 HOURS	36924 36932 36941 36959	LECT-DISC 1 LECT-DISC F2 LECT-DISC G1 LECT-DISC G2	F1 2 3 3	MTUWTH MTUWTH MTUWTH MTUWTH	262 201 336 118	L H N L L H L H	
GER	250	THE GERMAN NOVELLE OF THE NINETEENTH CENTURY. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	36967	LECT-DISC C	10	M W F	370	L H	FIGGE
GER	251	THE GERMAN NOVELLE OF THE TWENTIETH CENTURY. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	36975	LECT-DISC B	9	M W F	329	G H	SCHWALBE
GER	253	TWENTIETH CENTURY GERMAN DRAMA. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	36983	LECT-DISC E	1	M W F	329	G H	KNUST
GER	270	TWENTIETH CENTURY GERMAN LITERATURE. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.	36991	LECT-DISC E	1	MTUWTHF	370	L H	LORBE
GER	281	TEACHERS COURSE. PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS WILL NOT MEET DURING SIX WEEK STUDENT TEACHING PERIOD.	37008	LECT-DISC X	*12	M W F	186	L H	GERLACH

GER 292 SENIOR THESIS AND HONORS COURSE, II.
 PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS
 37016 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GER 302 GERMAN LITERATURE SINCE 1700.
 PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE
 OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 37024 LECT-DISC E 1 M W F 270 L H FREY

GER 303 ADVANCED CONVERSATION, COMPOSITION, AND SYNTAX.
 PREREQUISITE: GER. 211 AND 212, OR EQUIVALENT.
 3 HOURS OR 1/2 UNIT
 37032 LECT-DISC F 2 MTUWTH 336 L H FOLTER
 37041 LECT-DISC G 3 MTUWTH 270 L H FOLTER

GER 304 ADVANCED CONVERSATION.
 WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.
 PREREQUISITE: GER. 303 OR EQUIVALENT.
 1 HOUR OR 0 UNIT
 37059 LECT-DISC F 1 TU TH 270 L H SCHIER

GER 305 MODERN GERMAN POETRY.
 PREREQUISITE: GER. 210 AND ONE OTHER LITERATURE COURSE, OR
 EQUIVALENT, OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 37067 LECT-DISC D 11 M W F 111 G H LORBE

GER 365 GERMAN PHONOLOGY AND MORPHOLOGY.
 PREREQUISITE: THREE YEARS OF COLLEGE GERMAN, OR EQUIVALENT.
 3 HOURS OR 3/4 UNIT
 37075 LECT-DISC D 11 MTUWTHF 162 L H ANTONSEN

GER 366 GERMAN SYNTAX.
 PREREQUISITE: GER. 365 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 37083 LECT-DISC C 10 MTUWTHF 270 L H RAUCH

GER 392 TOPICS IN GERMAN LITERATURE.
 PREREQUISITE: TWO ADVANCED COURSES IN GERMAN LITERATURE.
 4 HOURS, OR 3/4 OR 1 UNIT
 *SECTION F TOPIC: DAS JUNGE DEUTSCHLAND.
 *SECTION S TOPIC: LITERATURE STUDIES IN UNIVERSITY AND COMMUNITY
 CONTEXT.
 SECTION Y TOPIC: GOETHE STUDIES.
 SECTION Z TOPIC: INTERPRETATION OF TEXTS OF 19TH CENTURY.
 37091 LECT-DISC *F 2 M W F 186 L H SCHWALBE
 37105 LECT-DISC *S 2-5 TH 221 G H HAILE
 37121 LECT-DISC *Y ARR HAILE
 37133 LECT-DISC *Z 7-10PM M 429 LIB BURKHARD

COURSES FOR GRADUATES

GER 400 BEGINNING GERMAN FOR GRADUATE STUDENTS.
 4 HOURS
 37130 LECT-DISC A 8 MTUWTH 370 L H
 37148 LECT-DISC E 1 MTUWTH 388 L H FON WEARINGA

GER 401 READINGS IN GERMAN FOR GRADUATE STUDENTS.
 PREREQUISITE: GER. 400 OR EQUIVALENT.
 4 HOURS
 *SECTION X1 DOES READINGS PARTICULARLY IN THE HUMANITIES AND SOCIAL
 SCIENCES. SECTION X2 DOES READINGS IN THE NATURAL SCIENCES.
 37156 LECT-DISC A 8 M W F 111 G H FON WEARINGA
 37164 LECT-DISC *X1 12 M W F 370 L H RAUCH
 37172 LECT-DISC *X2 12 M W F 396 L H SCHWALBE

GER	416	MIDDLE HIGH GERMAN LITERATURE. PREREQUISITE: GER. 415 OR EQUIVALENT. 1 UNIT	37181	LECT-DISC C	10-1130	TU TH	169	A H	GRAY
GER	420	HISTORY OF THE GERMAN LANGUAGE. PREREQUISITE: GER. 365. 1 UNIT	37199	LECT-DISC D	11	M W F	270	L H	RAUCH
GER	431	GERMAN LITERATURE FROM 800 TO 1400. 1 UNIT TOPIC: GOTTFRIED VON STRASSBURG.	37202	LECT-DISC B	9	M W F	388	L H	MARCHAND
GER	452	GERMAN LITERATURE FROM THE TWENTIES TO THE PRESENT. PREREQUISITE: GER. 301 AND 302 OR EQUIVALENT. 1 UNIT	37211	LECT-DISC C	10	TU TH	111	G H	SCHIER
GER	461	SEMINAR IN MODERN GERMAN LITERATURE. SAME AS C. LIT. 482. PREREQUISITE: GER. 411 AND 495. 1 UNIT *SECTION Z TOPIC: EMBLEM LITERATURE.	37229	LECT-DISC F	2-5	F	429	LIB	GRAY
			37237	LECT-DISC *Z	7-10PM	TU	429	LIB	STEGEMEIER
GER	493	RESEARCH IN SPECIAL TOPICS. *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS. *1/4 TO 2 UNITS	37245	CONF	ARR				
GER	499	THESIS RESEARCH. 0 TO 4 UNITS	37253	CONF	ARR				

GERMANIC

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

GMC	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS SECTION B TOPIC: DUTCH.	37270	LECT-DISC B	9	MTUWTH	336	L H	FON WEARINGA
			37261	CONF	ARR				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GMC	367	INTRODUCTION TO GERMANIC LINGUISTICS. SAME AS LING. 367. PREREQUISITE: COMPLETION OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. SOME KNOWLEDGE OF GERMAN DESIRABLE. 2 HOURS OR 1/2 UNIT	37288	LECT-DISC B	9	TU TH	216	L H	ANTONSEN
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COURSES FOR GRADUATES

GMC	467	RUNOLOGY. PREREQUISITE: GMC. 465, OR CONSENT OF INSTRUCTOR. 1 UNIT	37296	LECT-DISC C	10	M W F	336	L H	ANTONSEN
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GREEK, MODERN--SEE MODERN GREEK

GREEK

DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (LATIN BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

CREDIT FOR NEW TESTAMENT GREEK TRANSFERRED FROM OTHER INSTITUTIONS IS NOT COUNTED TOWARD A MAJOR OR MINOR UNTIL AFTER THE SATISFACTORY COMPLETION OF GREEK 201-202 AND THEN ONLY TO A POSSIBLE MAXIMUM OF EIGHT HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF ONE SEMESTER OF GREEK 391.

COURSES FOR UNDERGRADUATES

GRK	102	ELEMENTARY GREEK. PREREQUISITE: GRK. 101 OR EQUIVALENT. 4 HOURS	37300	LECT-DISC	A	11	MTUWTH	362	L H	TAYLOR
GRK	111	ELEMENTARY KOINE GREEK. *NO CREDIT TOWARD GRADUATION IS GIVEN FOR GREEK 111 WITHOUT GREEK 112. *4 HOURS	37318	LECT-DISC	A	2	MTUWTH	209	D K H	ROBBINS
GRK	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS	37326	CONF		ARR				

COURSES FOR ADVANCED UNDERGRADUATES

GRK	200	INTERMEDIATE KOINE GREEK. PREREQUISITE: GRK. 112 OR EQUIVALENT. 4 HOURS	37334	LECT-DISC	A	2	MTUWTH	430	ARMORY	RAINER
GRK	202	SECOND-YEAR GREEK, II. PREREQUISITE: GRK. 201 OR EQUIVALENT. 4 HOURS	37342	LECT-DISC	A	11	MTUWTH	209	D K H	BRIGHT
GRK	291	SENIOR THESIS. OPEN TO CANDIDATES FOR DISTINCTION IN GREEK. PREREQUISITE: SENIOR STANDING. 2 TO 4 HOURS	37351	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GRK	302	THIRD-YEAR GREEK, II. PREREQUISITE: GREEK 301. 3 HOURS OR 1/2 UNIT	37369	LECT-DISC	A	11	M W F	394	L H	JACOBSON
GRK	312	SIGHT TRANSLATION. PREREQUISITE: GRK. 202 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT	37377	LECT-DISC	A	9	M W F	362	L H	NAOUMIDES

GRK 384 EPIC POETRY.
 PREREQUISITE: GRK. 302 OR EQUIVALENT.
 3 HOURS, OR 3/4 OR 1 UNIT
 37385 LECT-DISC A 1 M W F 433 ARMORY MARCOVICH

UNLESS OTHERWISE NOTED, THE PREREQUISITE TO ALL COURSES IS THREE YEARS OF COLLEGE GREEK.

COURSES FOR GRADUATES

GRK 417 BACCHYLIDES.
 1 UNIT
 37393 LECT-DISC A 9-11 TU TH 409 LIB NAOMIDES

GRK 460 STUDIES IN PATRISTIC GREEK LITERATURE.
 4 HOURS OR 1 UNIT
 37407 LECT-DISC A 3-5 M W 394 L H SCHOEDEL

GRK 491 DIRECTED READING.
 PREREQUISITE: SECOND YEAR GRADUATE STANDING.
 *NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D.
 1/4 TO 1 UNIT
 37415 CONF ARR STAFF

GRK 496 BIBLIOGRAPHY AND CRITICISM, II.
 SAME AS LAT. 496.
 PREREQUISITE: FOUR YEARS OF COLLEGE LATIN OR EQUIVALENT.
 1/2 UNIT
 37423 LECT-DISC A 2 TU TH 409 LIB OLIVER

GRK 499 THESIS RESEARCH.
 0 TO 4 UNITS
 37431 CONF ARR STAFF

HEALTH EDUCATION

DEPARTMENT OFFICE

114 HUFF GYM

COURSES FOR UNDERGRADUATES

H ED 110 PUBLIC HEALTH.
 (FORMERLY HEALTH SCIENCE 110).
 PREREQUISITE: TWO HOURS CREDIT IN HEALTH SCIENCE OR HEALTH EDUCATION OR SOPHOMORE STANDING.
 2 HOURS
 37440 LECT-DISC P 11 TU TH 144 BEV HALL O'ROURKE

H ED 150 HEALTH AND MODERN LIFE.
 PREREQUISITE: CREDIT OR REGISTRATION IN ZOOL. 104, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 37458 LECT-DISC A 8 M W F 207 H G O'ROURKE
 37466 LECT-DISC D 11 M W F 154 ARMORY BROWN
 37474 LECT-DISC E 1 M W F 211 H G CONLEY

COURSES FOR ADVANCED UNDERGRADUATES

H ED 200 MENTAL HEALTH.
 (FORMERLY HEALTH SCIENCE 200).
 2 HOURS
 37482 LECT-DISC P 11 TU TH 393 BEV HALL STUBING
 37491 LECT-DISC R 1 TU TH 144 BEV HALL BOSTROM

H ED 206 SEX EDUCATION AND FAMILY LIFE.
(FORMERLY HEALTH SCIENCE 206).
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS
INSTRUCTORS TEACHING H. ED. 206 ARE BOSTROM, CAVINS, CONLEY, GENT,
KIRSCH, STUBING, TEIGLER, AND YOUNG.

37504	LECT-DISC	A	8	M	W	393	BEV HALL	YOUNG
37512	LECT-DISC	B	9	M	W	393	BEV HALL	O'ROURKE
37521	LECT-DISC	C	10	M	W	393	BEV HALL	KIRSCH
37539	LECT-DISC	E	1	M	W	393	BEV HALL	YARDY
37547	LECT-DISC	F	2	M	W	393	BEV HALL	TEIGLER
37555	LECT-DISC	L	8	TU	TH	393	BEV HALL	CAVINS
37563	LECT-DISC	M	9	TU	TH	393	BEV HALL	TEIGLER
37571	LECT-DISC	N	10	TU	TH	393	BEV HALL	O'ROURKE
37580	LECT-DISC	O	11	TU	TH	152	ARMORY	BROWN
37598	LECT-DISC	R	1	TU	TH	393	BEV HALL	CONLEY
37601	LECT-DISC	S	2	TU	TH	393	BEV HALL	TEIGLER

H ED 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT
AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.
APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS

37610	LAB-DISC	D1	ARR					STONE
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H ED 260 HONORS SEMINAR.
SAME AS P. E. M., P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD
OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: INTRODUCTION TO RESEARCH.

37628	LECT-DISC	&X1	7-9PM	W		207B	FREER GYM	
37636	LECT-DISC	&X2	7-9PM	W		15	E B	

H ED 281 FIRST AID.
2 HOURS

37644	LECT-DISC	L	8	TU	TH	211	H G	SWANSON
37652	LECT-DISC	N	10	TU	TH	211	H G	GOVERNAL I
37661	LECT-DISC	P	11	TU	TH	211	H G	WINDSOR
37679	LECT-DISC	R	1	TU	TH	211	H G	O'ROURKE
37687	LECT-DISC	S	2	TU	TH	211	H G	WINDSOR

H ED 282 ORGANIZATION OF SCHOOL HEALTH PROGRAMS.
3 HOURS
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN
ROOM 400 HUFF GYM.

37695	LECT-DISC	A	8	M	W	F	211	H G	BROWN
37709	LECT-DISC	D	11	M	W	F	211	H G	OLSEN
37717	LECT-DISC	F	2	M	W	F	209	H G	CONLEY

H ED 285 SEX EDUCATION FOR TEACHERS.
PREREQUISITE: ADVANCED STANDING.
2 HOURS

37725	LECT-DISC	T	3	TU	TH	207	H G	CONLEY
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H ED 287 CONCEPTS OF HEALTH, AGING, AND LONGEVITY.
PREREQUISITE: HL. SC. 104, 110, PHYS. 103.
2 HOURS

37733	LECT-DISC	R	1	TU	TH	207A	H G	STONE
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H ED 288 PRINCIPLES OF HEALTH EDUCATION.
PREREQUISITE: H. ED. 282.
3 HOURS
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN
ROOM 400 HUFF GYM.

37741	LECT-DISC	B	9	M	W	F	207	H G	BROWN
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H ED 289 HEALTH EDUCATION FIELD WORK.
PREREQUISITE: JUNIOR STANDING IN COMMUNITY HEALTH EDUCATION.
0 CREDIT

37750	LAB-DISC		ARR					OLSEN
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

H ED	374	PROBLEMS IN HUMAN ECOLOGY. SAME AS ANTH., GEOG., SOC., PHYSL., PSYCH., V.M.S. 374. PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S., OR ZOOLOG. 369. 4 HOURS OR 1 UNIT *ONE DISC HOUR TO BE ARRANGED.							
	37768	LECT-DISC	*11		M	W	F	393	BEV HALL LEVINE
H ED	390	PUBLIC HEALTH EDUCATION. PREREQUISITE: SENIOR OR GRADUATE STANDING IN HEALTH EDUCATION OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT							
	37776	LECT-DISC	N	10-12	TU			154	ARMORY OLSEN
H ED	391	PUBLIC HEALTH STATISTICS. PREREQUISITE: MATH. 161, OR EDPSY. 390, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT							
	37784	LECT-DISC	N	10-12		S		207A	H G BRIDGER
H ED	392	HEALTH AND SAFETY EDUCATION IN THE ELEMENTARY SCHOOL. PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE. 3 HOURS OR 1/2 UNIT							
	37792	LECT-DISC	H	4-6		W		146	ARMORY STONE & O'REILLY

COURSES FOR GRADUATES

H ED	401	PROBLEMS IN SCHOOL HEALTH EDUCATION. 1 UNIT							
	37806	LECT-DISC	U	4-6	TU			207A	H G CRESWELL
H ED	490	SEMINAR. PREREQUISITE: H. ED. 495. 0 CREDIT							
	37814	LECT-DISC		ARR				400	H G HUFFMAN
H ED	493	SPECIAL PROJECTS. PREREQUISITE: EDPSY. 390, P. E. 495, AND H. ED. 400 OR EQUIVALENTS, DOCTORAL CANDIDATE. 1/2 OR 1 UNIT							
	37822	LECT-DISC		ARR					STAFF
H ED	499	THESIS RESEARCH. PREREQUISITE: H. ED. 495. 1/2 TO 2 UNITS							
	37831	CONF		ARR					STAFF

HEBREW, MODERN--SEE MODERN HEBREW

HEBREW

DEPARTMENT OFFICE

361 L H

COURSES FOR UNDERGRADUATES

HEBR 111 INTRODUCTION TO BIBLICAL HEBREW.

PREREQUISITE: HEBR. 110.

4 HOURS

37849 LECT-DISC A 1 MTWTH 394 L H MARBLESTONE

HIGHER EDUCATION

DEPARTMENT OFFICE

341 ARMORY

COURSES FOR GRADUATES

HI ED 442 JUNIOR COLLEGE.

SAME AS VOTEC. 442.

1 UNIT

37857 LECT-DISC 7-9PM W 330 ARMORY O'BANION

HI ED 443 THE COLLEGE STUDENT.

1 UNIT

37865 LECT-DISC 1-3 W 331 ARMORY STAFF

HI ED 467 THE AMERICAN COLLEGE AND UNIVERSITY.

1 UNIT

37873 LECT-DISC 630-930PM M 330 ARMORY FLEY

HI ED 477 STUDENT PERSONNEL WORK IN HIGHER EDUCATION.

1 UNIT

37881 LECT-DISC 10-12 TU 153 ARMORY STAFF

HI ED 479 ORGANIZATION AND CONTROL OF HIGHER EDUCATION.

PREREQUISITE: HI. ED. 442, 467, OR EQUIVALENT.

1 UNIT

37890 LECT-DISC 5-9 TU 330 ARMORY ANDERSON

HI ED 480 INTERNSHIP IN THE ADMINISTRATION OF HIGHER EDUCATION.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

37903 CONF ARR STAFF

HINDI

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

HINDI 202 ELEMENTARY HINDI, II.

PREREQUISITE: HINDI 201.

5 HOURS

STUDENTS REGISTER FOR THE LECTURE AND ONE DISCUSSION.

OPEN TO FRESHMEN.

37911	LECT	A	9	M	WTHF	152	ARMORY	SUBBARAO
37920	DISC	A	9	TU		116	L H	KOUL
37938	DISC	B	10	TU		118	L H	BHATIA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HINDI 304 INTERMEDIATE HINDI, II.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.

PREREQUISITE: HINDI 303 OR EQUIVALENT.

5 HOURS OR 1 UNIT

OPEN TO FRESHMEN.

37946	LECT		10	MTU THF	432	ARMORY	SUBBARAO, KOUL
			11	M	216	L H	BHATIA

HINDI 306 ADVANCED HINDI, II.

PREREQUISITE: HINDI 305 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT

OPEN TO FRESHMEN.

37954	LECT-DISC		10	M	W	F	304	G H	SUBBARAO, KOUL
			11			F	304	G H	BHATIA
			11	TU			3	G H	

HINDI 308 ADVANCED HINDI, IV.

PREREQUISITE: HINDI 307 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT

OPEN TO FRESHMEN.

37962	LECT-DISC		11-1230	M	F	355	1208 W CAL	Y. KACHRU
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HINDI 310 READINGS IN HINDI LITERATURE IN ENGLISH TRANSLATION.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS OR 1 UNIT

OPEN TO FRESHMEN.

37971	LECT-DISC		230-4	M	F	ARP		STAFF
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HISTORY

DEPARTMENT OFFICE

309 G H

MAJOR: TWENTY-FOUR HOURS IN HISTORY, ALL IN COURSES HAVING JUNIOR STANDING AS A PREREQUISITE: ONE FRESHMAN-SOPHOMORE SURVEY COURSE SEQUENCE (HISTORY 111-112, 131-132, 151-152, 181-182, 191-192; ORS 121-122) OR ITS EQUIVALENT, MUST BE TAKEN AS A PREREQUISITE TO THE MAJOR. THE COURSES OFFERED MUST INCLUDE AT LEAST TWELVE HOURS IN AN AREA OF SPECIALIZATION AND AT LEAST SIX HOURS IN A SECOND AREA. THE FOLLOWING AREAS MAY BE SELECTED: ANCIENT, MEDIEVAL AND RENAISSANCE; EUROPE SINCE 1500; UNITED STATES AND LATIN AMERICA; ASIA. ALL MAJORS ARE REQUIRED TO TAKE HISTORY 298; TO BE ELIGIBLE FOR THIS COURSE, EACH MAJOR MUST HAVE SENIOR STANDING.

MINORS: TWENTY HOURS, NOT INCLUDING MORE THAN FOUR HOURS OPEN TO FRESHMEN, IN ONE OR TWO OF THE FOLLOWING: ANCIENT OR MODERN LANGUAGE EXCLUDING ELEMENTARY COURSES 101 AND 102, ANTHROPOLOGY, ECONOMICS, ENGLISH AND AMERICAN LITERATURE, GEOGRAPHY, LIBRARY SCIENCE, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY. ONE OF THE CURRICULA IN LATIN AMERICAN STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, ASIAN STUDIES OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR, EXCLUDING THE COURSES IN HISTORY.

COURSES FOR UNDERGRADUATES

HIST 112 HISTORY OF WESTERN CIVILIZATION, 1815 TO THE PRESENT.

4 HOURS

*DISCUSSION 6S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

37989	DISC	A1	8		W F	317	G H
	LECT	I	10		TU TH	112	G H
37997	DISC	A2	9		W F	313	G H
	LECT	I	10		TU TH	112	G H
38003	DISC	B1	9		TU TH	317	G H
	LECT	I	10		TU TH	112	G H
38011	DISC	B2	9		TU TH	313	G H
	LECT	I	10		TU TH	112	G H
38020	DISC	C1	10		W F	317	G H
	LECT	I	10		TU TH	112	G H
38038	DISC	D1	10		W F	254	ADMIN
	LECT	I	10		TU TH	112	G H
38046	DISC	D2	11		W F	313	G H
	LECT	I	10		TU TH	112	G H
38054	DISC	E	11		TU TH	254	ADMIN
	LECT	I	10		TU TH	112	G H
38062	DISC	F	12	M W		313	G H
	LECT	I	10		TU TH	112	G H
38071	DISC	G	12		TU TH	313	G H
	LECT	I	10		TU TH	112	G H
38089	DISC	H	1	M W		313	G H
	LECT	I	10		TU TH	112	G H
38097	DISC	J	1		TU TH	313	G H
	LECT	I	10		TU TH	112	G H
38101	DISC	K	1		TU TH	106	L H
	LECT	I	10		TU TH	112	G H
38119	DISC	L	2		TU TH	313	G H
	LECT	I	10		TU TH	112	G H
38127	DISC	L1	2		TU TH	106	L H
	LECT	I	10		TU TH	112	G H
38135	DISC	L2	3		TU TH	254	ADMIN
	LECT	I	10		TU TH	112	G H
38143	DISC	L3	3	M W		317	G H
	LECT	I	10		TU TH	112	G H
38151	DISC	M	3		TU TH	313	G H
	LECT	II	9	M W		112	G H
38160	DISC	N	4		TU TH	106	L H
	LECT	II	9	M W		112	G H
38178	DISC	O	9		TU TH	106	L H
	LECT	II	9	M W		112	G H
38186	DISC	P	9		TU TH	146	ARMORY
	LECT	II	9	M W		112	G H
38194	DISC	F	10		TU TH	106	L H
	LECT	II	9	M W		112	G H

DRAPEAU

DRAPEAU

HIST 112 CONTINUED

38208	DISC	T	11	M W	307	G H
	LECT	II	9	M W	112	G H
38305	DISC	*GS	11	M W	317	G H
	LECT	*II	9	M W	112	G H
38216	DISC	U	11	TU TH	317	G H
	LECT	II	9	M W	112	G H
38224	DISC	W	12	TU TH	317	G H
	LECT	II	9	M W	112	G H
38232	DISC	X1	12	M W	317	G H
	LECT	II	9	M W	112	G H
38241	DISC	X2	1	TU TH	317	G H
	LECT	II	9	M W	112	G H
38259	DISC	X3	1	M W	317	G H
	LECT	II	9	M W	112	G H
38267	DISC	X4	2	TU TH	317	G H
	LECT	II	9	M W	112	G H
38275	DISC	X5	2	TU TH	146	ARMORY
	LECT	II	9	M W	112	G H
38283	DISC	X6	2	M W	317	G H
	LECT	II	9	M W	112	G H
38291	DISC	X7	3	TU TH	317	G H
	LECT	II	9	M W	112	G H

HIST 132 HISTORY OF ENGLAND, 1688 TO THE PRESENT.

4 HOURS

*DISC. &S--RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

38313	LECT		11	M W	L H THEATRE	ARNSTEIN
38321	DISC	A	8	TU TH	331	G H
38330	DISC	B	8	TU TH	146	ARMORY
38348	DISC	C	9	TU TH	307	G H
38356	DISC	D	9	TU TH	331	G H
38364	DISC	E	10	TU TH	331	G H
38372	DISC	F	10	TU TH	146	ARMORY
38381	DISC	G	11	TU TH	146	ARMORY
38396	DISC	*GS	11	TU TH	331	G H
38399	DISC	H	12	M W	146	ARMORY
38402	DISC	J	12	TU TH	146	ARMORY
38411	DISC	K	12	TU TH	428	ARMORY
38429	DISC	L	1	M W	146	ARMORY
38437	DISC	M	1	TU TH	146	ARMORY
38445	DISC	N	1	M W	254	ADMIN
38453	DISC	O	2	M W	428	ARMORY
38461	DISC	P	2	TU TH	428	ARMORY
38470	DISC	R	2	M W	146	ARMORY
38488	DISC	T	3	TU TH	428	ARMORY

HIST 151 HISTORY OF THE UNITED STATES TO 1865.

*CREDIT IS NOT GIVEN FOR BOTH HIST. 151 AND 261.

*4 HOURS

38500	DISC	A	1-3	M W	307	G H	FARNHAM
38518	DISC	B	10-12	TU TH	307	G H	CORDULACK
38526	DISC	C	1-3	TU TH	254	ADMIN	CORDULACK

HIST 152 HISTORY OF THE UNITED STATES FROM 1865 TO THE PRESENT.

*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.

*4 HOURS

DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

38534	DISC	A	8	TU TH	254	ADMIN	
	LECT	I	8	M W	L H THEATRE		HERRICK
38542	DISC	B	8	TU TH	317	G H	
	LECT	I	8	M W	L H THEATRE		
38551	DISC	C	8	TU TH	428	ARMORY	
	LECT	I	8	M W	L H THEATRE		
38552	DISC	*GS	9	TU TH	254	ADMIN	
	LECT	I	8	M W	L H THEATRE		
38569	DISC	D	9	TU TH	428	ARMORY	
	LECT	I	8	M W	L H THEATRE		
38577	DISC	E	9	M W	331	G H	
	LECT	I	8	M W	L H THEATRE		
38585	DISC	F	9	M W	254	ADMIN	
	LECT	I	8	M W	L H THEATRE		
38593	DISC	G	10	TU TH	254	ADMIN	
	LECT	I	8	M W	L H THEATRE		

HIST 152 CONTINUED

38607	DISC	H	10	TU TH	317	G H
	LECT	I	8	M W	L H	THEATRE
38615	DISC	J	10	TU TH	428	ARMORY
	LECT	I	8	M W	L H	THEATRE
38623	DISC	K	10	M W	307	G H
	LECT	I	8	M W	L H	THEATRE
38631	DISC	L1	10	M W	106	L H
	LECT	I	8	M W	L H	THEATRE
38640	DISC	L2	11	M W	106	L H
	LECT	I	8	M W	L H	THEATRE
38658	DISC	L3	11	TU TH	106	L H
	LECT	I	8	M W	L H	THEATRE
38666	DISC	L4	11	TU TH	428	ARMORY
	LECT	I	8	M W	L H	THEATRE
38674	DISC	L5	1	M W	331	G H
	LECT	I	8	M W	L H	THEATRE
38682	DISC	L6	2	TU TH	133	ARMORY
	LECT	I	8	M W	L H	THEATRE
38691	DISC	L7	2	M W	254	ADMIN
	LECT	I	8	M W	L H	THEATRE
38704	DISC	N	8	TU TH	133	ARMORY
	LECT	II	2	M W	112	G H
38712	DISC	O	9	M W	307	G H
	LECT	II	2	M W	112	G H
38721	DISC	P	9	TU TH	133	ARMORY
	LECT	II	2	M W	112	G H
38739	DISC	R	9	W F	106	L H
	LECT	II	2	M W	112	G H
38747	DISC	T	10	M W	133	ARMORY
	LECT	II	2	M W	112	G H
38755	DISC	U	10	TU TH	133	ARMORY
	LECT	II	2	M W	112	G H
38763	DISC	W	11	M W	331	G H
	LECT	II	2	M W	112	G H
38771	DISC	X1	11	TU TH	133	ARMORY
	LECT	II	2	M W	112	G H
38780	DISC	X3	12	TU TH	331	G H
	LECT	II	2	M W	112	G H
38798	DISC	X4	1	TU TH	331	G H
	LECT	II	2	M W	112	G H
38801	DISC	X5	1	TU TH	133	ARMORY
	LECT	II	2	M W	112	G H
38810	DISC	X6	2	TU TH	331	G H
	LECT	II	2	M W	112	G H
38828	DISC	X7	3	TU TH	205	E B
	LECT	II	2	M W	112	G H
38836	DISC	X9	3	TU TH	146	ARMORY
	LECT	II	2	M W	112	G H
38844	DISC	X10	3	TU TH	106	L H
	LECT	II	2	M W	112	G H

WALLER

HIST 182 THE ANCIENT WORLD. ROME.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR.

3 HOURS

38861	LECT		2	M W	213	G H
38879	DISC	A	1	TH	307	G H
38887	DISC	B	2	TH	307	G H
38895	DISC	C	1	F	307	G H
38909	DISC	D	2	F	307	G H
38917	DISC	E	2	TH	201	E B

LYNCH

HIST 192 MODERN EASTERN CIVILIZATIONS.

4 HOURS

38925	LECT		11	M W F	66	LIBRARY
38933	DISC	A	1	M	133	ARMORY
38941	DISC	B	1	W	133	ARMORY
38950	DISC	C	3	TU	133	ARMORY
38968	DISC	D	2	W	133	ARMORY
38976	DISC	E	3	TH	133	ARMORY
38984	DISC	F	3	M	428	ARMORY
38992	DISC	G	4	TH	428	ARMORY
39009	DISC	H	4	M	428	ARMORY
39017	DISC	J	4	W	428	ARMORY

DAWN, KLING,
EASTMAN,
PIERSON
CRAWFORD

HIST 198 FRESHMAN SEMINAR.

PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.

3 HOURS

39025	DISC		1-4	TU	307	G H
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PIERSON

COURSES FOR ADVANCED UNDERGRADUATES

HIST	210	THE NEAR EAST FROM NAPOLEON TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY. 2 HOURS							
	39033	LECT	8	TU TH	307	G H		MEREDITH	
HIST	212	THE CONTEMPORARY WORLD: ECONOMIC, SOCIAL, AND CULTURAL ASPECTS. 3 HOURS							
	39041	LECT	10	M W F	114	D K H		MEREDITH	
HIST	219	SURVEY OF RUSSIAN HISTORY FROM EARLY TIMES TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR. 3 HOURS							
	39050	LECT	10-1130	TU TH	114	D K H		UROFF	
HIST	262	THE UNITED STATES: WORLD POWER IN AN INDUSTRIAL AGE SINCE 1877. *CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262. *3 HOURS *LECT. A IS AN ACCELERATED SECTION FOR TEACHER TRAINEES. IT IS OPEN ONLY TO STUDENTS TAKING ED. PR. 241 AND 242, AND WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.							
	39068	LECT	10	M W F	428	ARMORY		HOEVELER	
	39076	LECT	*A 1	MTWTHF	428	ARMORY		ROSENBAUM	
HIST	274	U. S. AND WORLD CRISIS, 1917 TO PRESENT. 3 HOURS							
	39084	LECT	10	M W F	213	G H		HEINRICHS	
HIST	276	HISTORY OF LATIN AMERICA SINCE 1824. 3 HOURS							
	39092	LECT	2	M W F	106	L H		LOVE	
HIST	290	TEACHING OF HISTORY. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, SENIOR STANDING. 2 HOURS *WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.							
	29106	LECT	*8	M W F	313	G H		DAHL	
HIST	293	THESIS. PREREQUISITE: HISTORY MAJOR WITH SENIOR STANDING AND A 4.0 GRADE-POINT AVERAGE, AND WRITTEN CONSENT OF THE HONORS ADVISOR. *STUDENTS MAY ACCUMULATE 6 HOURS. *3 HOURS							
	39114	CONF	&	ARR				STAFF	
HIST	295	READING COURSE. PREREQUISITE: JUNIOR OR SENIOR OF HIGH STANDING AND WRITTEN CONSENT OF THE HONORS ADVISOR. 2 TO 4 HOURS							
	39122	CONF	&	ARR				STAFF	
HIST	298	COLLOQUIUM IN HISTORY. PREREQUISITE: ENROLLMENT AS A HISTORY MAJOR OR HISTORY TEACHER TRAINEE, WITH SENIOR STANDING. 3 HOURS							
	39131	DISC	A 1-3	TU	186	L H		FOSTER	
	39149	DISC	B 3-5	M	446K	G H		LYNCH	
	39157	DISC	C 3-5	TH	446K	G H		RANSEL	
	39165	DISC	D 3-5	TU	304	G H		SUMLER	
	39173	DISC	E 3-5	TU	219	G H		SUTTON	
	39181	DISC	F 1-3	TH	446K	G H		THOMSEN	
	39190	DISC	G 1-3	TH	300	L H		FALCOFF	
	39203	DISC	H 1-3	TU	173	A H		SIRICH	
	39211	DISC	J 3-5	TU	446K	G H		JAHER	
	39220	DISC	K 3-5	TH	304	G H		HERRICK	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ONE YEAR OF COLLEGE HISTORY IS REQUIRED EXCEPT WHERE NOTED.

HIST 302	THE MIDDLE AGES, 1100 TO 1500 A. D. 3 HOURS, OR 1/2 OR 1 UNIT	2	M W F	331 G H	QUELLER
	39238 LECT				
HIST 306	THE AGE OF THE PROTESTANT AND CATHOLIC REFORMATION, 1500 TO 1648. 3 HOURS, OR 1/2 OR 1 UNIT	10	M W F	331 G H	BERNARD
	39246 LECT				
HIST 308	THE EUROPEANIZATION OF THE NEAR EAST, 1768 TO 1914. 3 HOURS, OR 1/2 OR 1 UNIT	8	M W F	331 G H	DAWN
	39254 LECT				
HIST 312	EUROPEAN HISTORY FROM 1871 TO 1918. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE, OR ECONOMICS.	11	M W F	196 L H	NICHOLS
	3 HOURS, OR 1/2 OR 1 UNIT				
	39262 LECT				
HIST 314	EUROPEAN HISTORY FROM 1939 TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE, OR ECONOMICS.	1	M W F	141 COM W	SUMLER
	3 HOURS, OR 1/2 OR 1 UNIT				
	39271 LECT				
HIST 319	MODERN EUROPEAN DIPLOMATIC HISTORY, 1890 TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.	8	M W F	319 G H	SCHROEDER
	3 HOURS, OR 1/2 OR 1 UNIT				
	39289 LECT				
HIST 321	RUSSIA FROM PETER THE GREAT TO 1855. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.	3	M W F	32 PSYCH BLDG	RANSEL
	3 HOURS, OR 1/2 OR 1 UNIT				
	39297 LECT				
HIST 326	INTELLECTUAL AND CULTURAL HISTORY OF RUSSIA FROM 1881 TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.	8-930	TU TH	319 G H	UROFF
	3 HOURS, OR 1/2 OR 1 UNIT				
	39301 LECT				
HIST 330	HISTORY OF SOUTHEASTERN EUROPE SINCE 1804. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.	2	M W F	223 G H	HITCHINS
	3 HOURS, OR 1/2 OR 1 UNIT				
	39319 LECT				
HIST 333	GREAT BRITAIN UNDER THE TUDORS AND STUARTS, 1485-1660. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.	10-1130	TU TH	319 G H	FOSTER
	3 HOURS, OR 1/2 OR 1 UNIT				
	39327 LECT				
HIST 354	THE ERA OF THE AMERICAN REVOLUTION, 1763 TO 1789. 3 HOURS, OR 1/2 OR 1 UNIT	9	M W F	223 G H	BECKER
	39335 LECT				
HIST 355	FEDERALISTS, JEFFERSONIANS, AND THE ERA OF GOOD FEELINGS. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.	9	M W F	223 G H	MCCOLLEY
	3 HOURS, OR 1/2 OR 1 UNIT				
	39343 LECT				
HIST 361	HISTORY OF THE UNITED STATES, 1909-1932. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE OR ECONOMICS.	9	M W F	213 G H	BATES
	3 HOURS, OR 1/2 OR 1 UNIT				
	39351 LECT				
HIST 364	SOCIAL HISTORY OF INDUSTRIAL AMERICA SINCE 1890. 3 HOURS, OR 1/2 OR 1 UNIT	11	M W F	349 ARMORY	JAMER
	39360 LECT				

HIST	367	THE TRANS-MISSISSIPPI WEST. 3 HOURS, OR 1/2 OR 1 UNIT									
	39378	LECT	10	M	W	F	319	G	H		JOHANNSEN
HIST	371	AMERICAN INTELLECTUAL AND CULTURAL HISTORY TO 1877. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR.									
	39386	3 HOURS, OR 1/2 OR 1 UNIT LECT	11	M	W	F	319	G	H		SOLBERG
HIST	379	HISTORY OF ARGENTINA IN THE NATIONAL PERIOD. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ENROLLMENT IN THE LATIN AMERICAN STUDIES PROGRAM.									
	86306	3 HOURS, OR 1/2 OR 1 UNIT LECT	10	TU			141	A	H		
			10-12	TH			141	A	H		
HIST	383	HISTORY OF THE ROMAN REPUBLIC TO 44 B. C. 3 HOURS, OR 1/2 OR 1 UNIT									
	39394	LECT	9	M	W	F	310	L	H		THOMSEN
HIST	388	DEVELOPMENT OF MODERN INDIA AND PAKISTAN FROM 1707. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.									
	39408	3 HOURS, OR 1/2 OR 1 UNIT LECT	2	M	W	F	313	G	H		KLING
HIST	392	A HISTORY OF CHINA, 907-1644. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.									
	39416	3 HOURS, OR 1/2 OR 1 UNIT LECT	10-1130	TU	TH		313	G	H		WECHSLER
HIST	394	TWENTIETH-CENTURY CHINA. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.									
	39424	3 HOURS, OR 1/2 OR 1 UNIT LECT	2	M	W	F	319	G	H		EASTMAN
HIST	399	HISTORY AND THOUGHT OF CHINESE BUDDHISM. PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.									
	39432	3 HOURS, OR 1/2 TO 1 UNIT LECT	3-430	TU	TH		313	G	H		UNNO

COURSES FOR GRADUATES

HIST	403	PROBLEMS IN EUROPEAN HISTORY TO 1815. 1 UNIT									
	39441	DISC	1-3	TU			347	A	H		BERNARD
HIST	404	PROBLEMS IN MODERN EUROPEAN HISTORY SINCE 1815. 1 UNIT									
	39459	TOPIC: THE BALKANS. DISC	1-3	TU			446K	G	H		HITCHINS
HIST	407	PROBLEMS IN AMERICAN HISTORY TO 1865. 1 UNIT									
	39467	DISC	1-3	TH			304	G	H		BECKER
HIST	408	PROBLEMS IN AMERICAN HISTORY SINCE 1865. 1 UNIT									
	39475	TOPIC: AMERICAN DIPLOMATIC. DISC	1-3	W			304	G	H		HEINRICHS
HIST	409	PROBLEMS IN ASIAN HISTORY. 1 UNIT									
	39483	DISC	A	ARR							EASTMAN
	39491	DISC	B	1-3	TH		347	A	H		PIERSON
	39505	DISC	C	1-230	TU	TH	94	COM	W		WECHSLER
HIST	415	SEMINAR IN MEDIEVAL HISTORY. 1 UNIT									
	39513	DISC	3-5	TH			424B	LIB			QUELLER

HIST 419	SEMINAR IN EUROPEAN HISTORY, 1648-1815.						
	1 UNIT						
	TOPIC: REVOLUTION AND NAPOLEONIC PERIOD.						
39521	DISC		3-5	W	304	G H	SIRICH
HIST 421	SEMINAR IN EUROPEAN HISTORY SINCE 1815.						
	1 UNIT						
	*SECTION A TOPIC: GERMAN HISTORY - READING KNOWLEDGE OF GERMAN REQUIRED.						
	*SECTION B TOPIC: BRITIAN AND THE CENTRAL POWERS.						
39530	DISC	*A	1-3		F	304	G H
39548	DISC	*B	3-5	M		304	G H
							NICHOLS
							SCHROEDER
HIST 425	SEMINAR IN ENGLISH AND BRITISH EMPIRE HISTORY SINCE 1688.						
	1 UNIT						
39556	DISC		1-3	M		446K	G H
							ARNSTEIN
HIST 427	SEMINAR IN RUSSIAN HISTORY.						
	1 UNIT						
39564	DISC		10-12	TU		304	G H
							FISHER
HIST 453	SEMINAR IN AMERICAN HISTORY SINCE 1789.						
	1 UNIT						
	*SECTION A: THE GILDED AGE (ABOUT 1865-1890).						
	*SECTION B: THE FIRST WORLD WAR.						
	*SECTION C: THE MIDDLE PERIOD.						
	*SECTION D: JEFFERSON'S NEUTRAL DIPLOMACY.						
39572	DISC	*A	1-3		F	446K	G H
39581	DISC	*B	1-3		W	446K	G H
39599	DISC	*C	1-3	M		304	G H
39602	DISC	*D	1-3	TU		304	G H
							FARNHAM
							BATES
							JOHANNSEN
							MCCOLLEY
HIST 497	READING COURSE.						
	PREREQUISITE: MASTERS DEGREE OR EQUIVALENT, CONSENT OF INSTRUCTOR.						
	1 UNIT						
39611	CONF			ARR			STAFF
HIST 498	PROBLEMS IN THE TEACHING OF COLLEGE HISTORY.						
	PREREQUISITE: PH. D. CANDIDATE IN HISTORY.						
	NO CREDIT						
39629	LECT		3-5	TU		331	G H
							NICHOLS
HIST 499	THESIS RESEARCH.						
	0 TO 4 UNITS						
39637	CONF			ARR			STAFF

HISTORY AND PHILOSOPHY OF EDUCATION

DEPARTMENT OFFICE

369 EDUC

COURSES FOR ADVANCED UNDERGRADUATES

HP ED 201 FOUNDATIONS OF AMERICAN EDUCATION.

PREREQUISITE: (FOR STUDENTS NOT IN ELEMENTARY EDUCATION) SE. ED. 101 OR VOTEC. 101 AND PSYCH. 100. (FOR STUDENTS IN ELEMENTARY EDUCATION) PSYCH. 100 ONLY.

2 HOURS

SECTION A4 IS A SPECIAL SECTION. STUDENTS ENROLLED IN THIS SECTION MUST ALSO BE ENROLLED IN SECTION A OF EDPsy. 211. THE CONTENT OF THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS MAY UNDERSTAND THE RELATIONSHIP BETWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.

LECT.-DISC. SECTIONS A1, A2, A3 ARE RESERVED FOR SENIORS AND SECOND SEMESTER JUNIORS WHO NEED THE COURSE FOR GRADUATION AND/OR AS A PREREQUISITE TO STUDENT TEACHING IN THE FALL AND WHO CANNOT SCHEDULE THE LECTURES.

39645	LECT		11-1	TU TH		AUDITORIUM
39653	DISC	1	11-1	TH	2	EDUC
39661	DISC	2	11-1	TU	25	EDUC
39670	DISC	3	11-1	TH	28	COM W
39688	DISC	4	11-1	TU	2	EDUC
39696	DISC	5	11-1	TH	389	EDUC
39700	DISC	6	11-1	TU	389	EDUC
39718	DISC	7	11-1	TH	113	D K H
39726	DISC	8	11-1	TU	113	D K H
39734	DISC	9	11-1	TH	317	D K H
39742	DISC	10	11-1	TU	328	D K H
39751	DISC	11	11-1	TH	328	D K H
39769	DISC	12	11-1	TU	134	ARMORY
39777	DISC	13	11-1	TH	153	ARMORY
39785	DISC	14	11-1	TU	329	ARMORY
39793	LECT-DISC	*A1	2-4	TH	33	EDUC
39807	LECT-DISC	*A2	7-9PM	TH	389	EDUC
39815	LECT-DISC	*A3	3-5	W	140	COM W
39823	LECT-DISC	*A4	10-12	TH	154	ARMORY

HP ED 249 INDEPENDENT STUDY.

PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.

2 HOURS

39831	CONF	ARR
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HP ED 292 THESIS.

PREREQUISITE: SENIOR STANDING.

2 HOURS

39840	CONF	ARR	STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HP ED 301 PHILOSOPHY OF EDUCATION.

2 HOURS OR 1/2 UNIT

39858	LECT-DISC	4-6	TH	2	EDUC	MCMURRAY
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HP ED 302 HISTORY OF AMERICAN EDUCATION.

2 HOURS OR 1/2 UNIT

39866	LECT-DISC		7-9PM	M	226	COM W	KARIER
39874	LECT-DISC	B	4-6	TU	2	EDUC	VIOLAS

HP ED 303 COMPARATIVE EDUCATION.

2 HOURS OR 1/2 UNIT

39882	LECT-DISC	4-6	TH	166	EDUC	PELCZAR
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HP ED 304 SOCIAL FOUNDATIONS OF EDUCATION.

2 HOURS OR 1/2 UNIT

39891	LECT-DISC	A	7-9PM	W	100	G H	STANLEY
39904	LECT-DISC	B	3-5	TU	153	ARMORY	PELCZAR
39912	LECT-DISC	C	3-5	W	166	COM W	BURNETT
39921	LECT-DISC	D	4-6	TH	36	COM W	SHORISH

HP ED 305 HISTORY OF EDUCATIONAL IDEAS.

2 HOURS OR 1/2 UNIT

39939 LECT-DISC A 7-9PM TH 100 G H

39947 LECT-DISC B 4-6 W 40 COM W

MC MURRAY
STAFF

HP ED 385 ANTHROPOLOGY OF EDUCATION.

SAME AS ANTH. 385.

PREREQUISITE: COURSE IN ANTHROPOLOGY OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.

2 OR 4 HOURS, OR 1/2 OR 1 UNIT

39955 LECT-DISC 10-12 W 6 COM W

J. H. BURNETT

COURSES FOR GRADUATES

HP ED 402 EDUCATIONAL MOVEMENTS IN THE TWENTIETH CENTURY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

39963 LECT-DISC 7-9PM M 20 COM W

VIOLAS

HP ED 403 THE HISTORICAL FOUNDATIONS OF AMERICAN EDUCATIONAL THOUGHT.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

39971 LECT-DISC 7-9PM TU 20 COM W

VIOLAS

HP ED 405 FOUNDATIONS OF AESTHETIC EDUCATION.

PREREQUISITE: HP. ED. 306; CONSENT OF INSTRUCTOR.

1 UNIT

39980 LECT-DISC 4-6 TU 25 EDUC

BROUDY

HP ED 407 LOGICAL FOUNDATIONS OF METHODS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

39988 LECT-DISC 4-6 TH 6 COM W

ENNIS

HP ED 409 ADVANCED PHILOSOPHY OF EDUCATION, II.

PREREQUISITE: HP. ED. 301 OR 305 OR ADVANCED GRADUATE STANDING, CONSENT OF INSTRUCTOR.

1 UNIT

40006 LECT-DISC 4-6 TH 389 EDUC

BURNETT

HP ED 410 SEMINAR IN THEORIES OF EDUCATIONAL AND SOCIAL CHANGE.

ONLY OPEN TO CANDIDATES FOR THE ED. D. OR PH. D. IN EDUCATION.

1 UNIT

40014 LECT-DISC A 4-6 TU 389 EDUC

40022 LECT-DISC B 1-3 W 385 EDUC

BURNETT
STANLEY

HP ED 449 INDEPENDENT STUDY.

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.

*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.

*1/2 OR 1 UNIT

40031 CONF ARR

STAFF

HP ED 483 METHODS IN COMPARATIVE EDUCATION.

PREREQUISITE: ANTH. 373 OR SOC. 300, HP. ED. 303 OR 386, OR CONSENT OF INSTRUCTOR.

1 UNIT

40049 LECT-DISC 7-9PM M 389 EDUC

PELCZAR
AND YATES

HP ED 485 EDUCATION IN THE DEVELOPING COUNTRIES.

PREREQUISITE: HP. ED. 303 OR 386 OR CONSENT OF INSTRUCTOR.

1 UNIT

40057 LECT-DISC 3-5 TU 28 EDUC

SHORISH

HP ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
 OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN
 HISTORY AND PHILOSOPHY OF EDUCATION.
 PREREQUISITE: FOR SECTION (C) ONLY, HP. ED. 483 OR CONSENT OF
 INSTRUCTOR.
 *NOT MORE THAN ONE UNIT PER SECTION MAY BE COUNTED TOWARD A DEGREE
 IN ANY ONE SEMESTER.
 *1 TO 2 UNITS

40065	CONF	B	3-5	W	11	COM W	ENNIS
40073	CONF	C	ARR				SHORISH
40081	CONF	D	ARR				STAFF
40090	CONF	E	ARR				VIOLAS

HP ED 491 FIELD STUDY AND THESIS SEMINAR.
 LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
 1 TO 2 UNITS

40103	CONF		ARR				STAFF
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HP ED 499 THESIS RESEARCH.
 0 TO 4 UNITS

40111	CONF		ARR				STAFF
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HOME ECONOMICS

DEPARTMENT OFFICE

260 BEV HALL

NOTE--HOME ECONOMICS COURSES DESIGNED PARTICULARLY FOR NON-MAJOR
 STUDENTS AND NOT FULFILLING THE REQUIREMENTS FOR A MAJOR IN HOME
 ECONOMICS ARE HOME ECON. 120, 125, 193, AND 271.

OTHER HOME ECONOMICS COURSES ARE ALSO OPEN TO NON-MAJORS WHO HAVE
 THE PREREQUISITES LISTED FOR THE COURSE AND THE CONSENT OF THE
 INSTRUCTOR. STUDENTS ARE REFERRED PARTICULARLY TO H.EC. 105,
 132, 133, 160, 171, 182, 183, 184, 210, 260, 270, AND 285.

COURSES FOR UNDERGRADUATES

H EC 105 CHILD AND FAMILY.
 4 HOURS

40120	LECT		11	M	W	F	100	M M B	JOHNSON, MILLS
40138	LAB-DISC	A	9-11	TU			12	C D	
40146	LAB-DISC	B	9-11		W		12	C D	
40154	LAB-DISC	C	9-11		TH		12	C D	
40162	LAB-DISC	D	9-11			F	12	C D	
40171	LAB-DISC	E	2-4	TU			12	C D	
40189	LAB-DISC	F	2		W		208	C D	
		F	3		W		12	C D	

H EC 120 ELEMENTARY NUTRITION.
 FOR NON-HOME ECONOMICS MAJORS.
 PREREQUISITE: SOPHOMORE STANDING.
 2 HOURS

40197	LECT-DISC		1	TU	TH		242	BEV HALL	LAFONT
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H EC 125 FOOD SELECTION AND PREPARATION.
 FOR NON-HOME ECONOMICS MAJORS.
 PREREQUISITE: SOPHOMORE STANDING.
 3 HOURS

40201	LECT		12			F	12	C D	DOWNEY
40219	LAB	A	10-12	M	W		338	BEV HALL	DOWNEY
40227	LAB	B	3-5	M	W		338	BEV HALL	DOWNEY
40235	LAB	C	10-12	TU	TH		338	BEV HALL	
40243	LAB	D	1-3	TU	TH		338	BEV HALL	

H EC 132 FOODS AND NUTRITION.
 PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 101.
 3 HOURS

40251	LAB-DISC	A	8-10	M	W	F	358	BEV HALL	JOHNSON
40260	LAB-DISC	B	8-10	M	W	F	376	BEV HALL	
40278	LAB-DISC	C	10-12	M	W	F	376	BEV HALL	GLOVER
40286	LAB-DISC	D	1-3	M	W	F	376	BEV HALL	GLOVER

H EC 133 FOOD MANAGEMENT.
PREREQUISITE: H. EC. 132.

2 HOURS		CLASSES ARE HELD DURING NOON HOURS ONLY WHEN MEALS ARE SERVED.					
40294	LAB-DISC	A	1-3	M	358	BEV HALL	JOHNSON
		A	12-3	W	358	BEV HALL	
40308	LAB-DISC	B	10-12	TU	376	BEV HALL	GLOVER
		B	10-1	TH	376	BEV HALL	
40316	LAB-DISC	C	10-12	TU	358	BEV HALL	JOHNSON
		C	10-1	TH	358	BEV HALL	

H EC 160 THE HOME AND ITS FURNISHINGS.
4 HOURS

40324	LECT		9	TU TH	135	A S L	ALEXANDER
40332	LAB	A	10-12	M W	222	BEV HALL	BERMAN
40341	LAB	B	1-3	M W	222	BEV HALL	BERMAN
40359	LAB	C	3-5	M W	222	BEV HALL	ESHLEMAN
40367	LAB	D	10-12	TU TH	222	BEV HALL	BERMAN
40375	LAB	E	1-3	TU TH	222	BEV HALL	ALEXANDER
40383	LAB	F	3-5	TU TH	222	BEV HALL	ESHLEMAN

H EC 171 HOME MANAGEMENT.
2 HOURS

40391	LECT-DISC	A	10	W F	166	BEV HALL	ANDERSON
40405	LECT-DISC	B	2	TU TH	166	BEV HALL	ANDERSON

H EC 182 CLOTHING LABORATORY.
2 HOURS

*SECTIONS A AND E ARE RESERVED FOR STUDENTS WITH FORMAL TRAINING IN CLOTHING CONSTRUCTION IN EITHER HIGH SCHOOL OR 4-H WORK.							
40448	LAB	*A	10-12	M W	122	BEV HALL	ZWOLANEK
40413	LAB	B	1-3	M W	122	BEV HALL	BANNER
40421	LAB	C	10-12	TU TH	122	BEV HALL	WILHEMSON
40430	LAB	D	1-3	TU TH	122	BEV HALL	BANNER
40456	LAB	*E	3-5	TU TH	122	BEV HALL	FICKLE

H EC 183 CONSUMER TEXTILES.
2 HOURS

40464	LAB	A	10-12	M W	208	BEV HALL	TREBILCOCK
40472	LAB	B	3-5	M W	208	BEV HALL	WILHEMSON
40481	LAB	C	10-12	TU TH	208	BEV HALL	TREBILCOCK
40499	LAB	D	1-3	TU TH	208	BEV HALL	

H EC 184 CLOTHING SELECTION.
PREREQUISITE: CREDIT OR REGISTRATION IN ART 185.
2 HOURS

40502	LAB-DISC	A	8-10	M W	132	BEV HALL	
40511	LAB-DISC	B	3-5	M W	132	BEV HALL	BANNER
40529	LAB-DISC	C	8-10	TU TH	132	BEV HALL	ANSBACH
40537	LAB-DISC	D	10-12	TU TH	132	BEV HALL	BANNER

H EC 193 TEXTILE ARTS FOR OCCUPATIONAL THERAPY.
PREREQUISITE: ART 185.

4 HOURS							
40545	LAB	A1	1-5	TU TH	174	BEV HALL	RIIS

H EC 196 WEAVING.

3 HOURS		*SECTION A1 IS FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, ART-CRAFTS, AND ART EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.					
40553	LAB	*A1	2-5	M W	174	BEV HALL	RIIS
40561	LAB	*A2	2-5	M W	174	BEV HALL	RIIS

COURSES FOR ADVANCED UNDERGRADUATES

H EC	202	LABORATORY IN CHILD DEVELOPMENT. PREREQUISITE: H. EC. 105, PSYCH. 100 OR 103. 2 HOURS										
	40570	LECT		3-5	M		12	C D				
	40588	LAB	A	9	TU TH		219	C D				NURSERY SCHOOL
	40596	LAB	B	11	TU TH		219	C D				STAFF
	40600	LAB	C	9	W F		219	C D				
	40618	LAB	D	11	W F		219	C D				
	40626	LAB	E	2-4	TU		219	C D				
	40634	LAB	F	2-4	W		219	C D				
	40642	LAB	G	2-4	TH		219	C D				
	40651	LAB	H	2-4	F		219	C D				
H EC	210	FAMILY RELATIONSHIPS. 3 HOURS										
	40669	LECT	A	8	M W F		12	C D				ERVIN
	40677	LECT	B	11	M W F		12	C D				ERVIN
H EC	220	PRINCIPLES OF NUTRITION. PREREQUISITE: CHEM. 102, H. EC. 132, AND PHYSL. 103. 3 HOURS										
	40685	LECT		1	M W		328	BEV HALL				BROWN
		LAB		1-3	F		328	BEV HALL				BROWN
H EC	231	FOODS. PREREQUISITE: CHEM. 102; H. EC. 133. 3 HOURS										
	40693	LECT		10		F	328	BEV HALL				LAFONT
	40707	LAB	A	9-12	M W		362	BEV HALL				LAFONT
	40715	LAB	B	8-11	TU TH		362	BEV HALL				LAFONT
H EC	240	QUANTITY FOOD PRODUCTION AND SERVICE. PREREQUISITE: FOOD HANDLERS CERTIFICATE, ECON. 108, H. EC. 231, CONSENT OF INSTRUCTOR. *CREDIT IS NOT GIVEN FOR BOTH H. EC. 240 AND 351. *3 OR 5 HOURS SECTION C WILL MEET 8-1230 ON DAYS TO BE ARRANGED.										
	40723	LECT		3	W		291	BEV HALL				CRUSTUS
	40731	LAB	A	8-1230	M W F		292	BEV HALL				
	40740	LAB	B	8-1230	TU TH		292	BEV HALL				
	40758	LAB	C	ARR			292	BEV HALL				
H EC	260	PERIOD STYLES IN HOME FURNISHINGS. PREREQUISITE: ART 185 OR EQUIVALENT. 3 HOURS										
	40766	LECT		10	M W		328	BEV HALL				ALEXANDER
		LAB		10-12	F		222	BEV HALL				ALEXANDER
H EC	263	TEXTILE DESIGN--PRINTING. PREREQUISITE: ART 186 OR EQUIVALENT. FIELD TRIP, ESTIMATED EXPENSE \$10. 3 HOURS										
	40774	LAB-DISC		3-5	TU TH		234	BEV HALL				BERMAN
H EC	270	FAMILY FINANCIAL MANAGEMENT. PREREQUISITE: ECON. 102 AND 103 OR 108, H. EC. 171. 3 HOURS										
	40782	LECT		9	M W F		328	BEV HALL				GUTHRIE
H EC	271	HOME MANAGEMENT. FOR NON-HOME ECONOMICS MAJORS. 2 HOURS										
	40791	LECT		11	TU TH		242	BEV HALL				GUTHRIE
H EC	273	HOME MANAGEMENT. PREREQUISITE: ECON. 102 AND 103, OR 108, H. EC. 105, 133, 160, 171, 183, 184, CONSENT OF INSTRUCTOR. 4 HOURS *ADDITIONAL HOURS TO BE ARRANGED. STUDENTS RESIDE IN HOME MANAGEMENT HOUSE FOR FOUR WEEKS.										
	40804	LECT		*10	TU TH		154	BEV HALL				GUTHRIE
		LAB		*12	MTWTHF		1202	W GREEN				GUTHRIE AND
				*1-3	TU TH		1202	W GREEN				MAXWELL

H EC 280 HOUSEHOLD TEXTILES.
PREREQUISITE: H. EC. 183.
2 HOURS
40812 LAB-DISC 3-5 TU TH 208 BEV HALL WARFIELD

H EC 281 NON-TEXTILE APPAREL AND ACCESSORY MATERIALS.
PREREQUISITE: H. EC. 183.
2 HOURS
40821 LAB 8-10 TU TH 208 BEV HALL TREBILCOCK

H EC 284 COSTUME DESIGN.
PREREQUISITE: ART 186 OR 120, H.EC. 184.
2 HOURS
40839 LAB-DISC 10-12 M W 132 BEV HALL ANSPACH

H EC 286 CLOTHING DESIGN--FLAT PATTERN.
PREREQUISITE: ART 186 OR 120, H. EC. 182, 183 AND 184.
3 HOURS
40847 LAB A 9-12 TU TH 108 BEV HALL ZWOLANEK
40855 LAB B 2-5 TU TH 108 BEV HALL ANSPACH

H EC 287 CONSUMER CLOTHING PROBLEMS.
PREREQUISITE: ECON. 108, H. EC. 183 OR 184, PSYCH. 100 OR 103.
SOC. 100.
2 HOURS
40863 LECT-DISC 2 M W 242 BEV HALL ZWOLANEK

H EC 292 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
3 TO 5 HOURS
*SECTION 6B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING
A MINIMUM GRADE POINT AVERAGE OF 4.0.
40871 CONF A ARR
40880 CONF *6B ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

H EC 301 ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN.
PREREQUISITE: H. EC. 202 AND 203, CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
EACH STUDENT ARRANGES FOR ONE LABORATORY PERIOD ON T W T OR F.
*LAB 6E IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4.0.
*LAB I OPEN TO GRADUATE STUDENTS ONLY AND WILL MEET 9-12 ON DAYS TO
BE ARRANGED.
40898 LECT-DISC 1 TU TH 12 C D MOWRER
40901 LAB A 9-12 TU 109 C D NURSERY SCHOOL
40910 LAB B 9-12 W 109 C D STAFF
40928 LAB C 9-12 TH 109 C D
40936 LAB D 9-12 F 109 C D
40979 LAB *6E 2-5 TU 109 C D
40944 LAB F 2-5 W 109 C D
40952 LAB G 2-5 TH 109 C D
40961 LAB H 2-5 F 109 C D
40987 LAB *I 9-12 109 C D

H EC 313 ECONOMICS OF CONSUMPTION.
SAME AS ECON 313.
PREREQUISITE: ECON. 102 OR 108; A COURSE IN APPLIED STATISTICS.
3 HOURS, OR 3/4 OR 1 UNIT
40995 LECT-DISC G 3 M W F 242 BEV HALL OUNISING

H EC 320 DIET IN DISEASE.
PREREQUISITE: H. EC. 220.
3 HOURS OR 1/2 UNIT
41001 LECT 8-10 TU 328 BEV HALL BROWN
LAB 8-10 TH 338 BEV HALL BROWN

H EC	324	PROBLEMS IN NUTRITION. SAME AS F. S. 324.							
		PREREQUISITE: CHEM. 354 OR 350 AND 355, H. EC. 220, SENIOR STANDING.							
		3 TO 5 HOURS, OR 1/2 TO 1 UNIT							
		*ONLY STUDENTS REGISTERING FOR 5 HOURS OR 1 UNIT CREDIT INCLUDE LABORATORY.							
	41010	LECT		8	M	W	F	449	BEV HALL HASKELL
	41028	LAB	*A	9-12			F	420	BEV HALL HASKELL
	41036	LAB	*EB	9-12			F	420	BEV HALL HASKELL
H EC	326	PRESENTATIONS: PRINCIPLES AND TECHNIQUES.							
		PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.							
		FIELD TRIP, ESTIMATED COST \$15.							
		3 HOURS OR 1/2 UNIT							
	41044	LECT		I		TU		328	BEV HALL DOWNEY
		LAB		2-5		TU		328	BEV HALL DOWNEY
				1-4		TH		328	BEV HALL
H EC	330	EXPERIMENTAL FOODS.							
		PREREQUISITE: H. EC. 231, MC BIO. 100, 101.							
		*FOR 1 UNIT TWO ADDITIONAL HOURS WILL BE SCHEDULED.							
		*3 HOURS, OR 3/4 OR 1 UNIT							
	41052	LECT		*1			F	449	BEV HALL
		LAB		*1-4		M	W	362	BEV HALL
H EC	331	PROBLEMS IN FOODS.							
		PREREQUISITE: H. EC. 330.							
		3 HOURS OR 3/4 UNIT							
	41061	LAB-DISC	A	ARR				486	BEV HALL VAN DUYN
	41079	LAB-DISC	EB	ARR				486	BEV HALL
H EC	350	INSTITUTION AND RESTAURANT MANAGEMENT: ORGANIZATION AND ADMINISTRATION.							
		PREREQUISITE: H. EC. 220 AND 240.							
		FIELD TRIPS, ESTIMATED COST, \$20 TO \$25.							
		*CREDIT IS NOT GIVEN FOR BOTH H. EC. 350 AND H. EC. 351.							
		*4 HOURS OR 1 UNIT							
	41087	LECT-DISC		10-12		TH		291	BEV HALL HUNZICKER
		LAB		2-6		F		291	BEV HALL HUNZICKER
H EC	355	SPECIALIZED QUANTITY FOOD PRODUCTION AND MANAGEMENT.							
		PREREQUISITE: H. EC. 240, CREDIT OR REGISTRATION IN H. EC. 350 OR CONSENT OF INSTRUCTOR.							
		3 HOURS OR 3/4 UNIT							
	41095	LECT-DISC		1		TU TH		291	BEV HALL HUNZICKER AND
		LAB		2-4		TU TH		292	BEV HALL CRUSIUS
H EC	361	DEVELOPMENT AND FUNCTION OF FAMILY HOUSING.							
		SAME AS AG. M. 361.							
		PREREQUISITE: H. EC. 160 AND 171 OR CONSENT OF INSTRUCTOR.							
		3 HOURS OR 3/4 UNIT							
	41109	LECT	A	11		M	W	240	AGR ENG HANSEN
		LAB	A	10-12			F	209	AGR ENG HANSEN
H EC	377	HOME ECONOMICS, COOPERATIVE EXTENSION.							
		PREREQUISITE: ECON. 108; PSYCH. 100 AND SOC. 100,							
		OR EDPSY. 211, OR AGR. 206; CONSENT OF INSTRUCTOR.							
		FIELD TRIPS.							
		3 HOURS OR 1/2 UNIT							
	41117	LECT-DISC		8		TU		154	BEV HALL DUNLAP
				8-10		TH		154	BEV HALL
H EC	378	PROBLEMS IN HOME MANAGEMENT.							
		PREREQUISITE: H. EC. 270 OR 262, CONSENT OF INSTRUCTOR.							
		3 HOURS, OR 1/2 OR 1 UNIT							
	41125	CONF		ARR					ALEXANDER AND GOODYEAR
H EC	379	PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS.							
		PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN APPLIED STATISTICS,							
		H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR, SENIOR STANDING.							
		3 HOURS, OR 1/2 OR 1 UNIT							
	41133	CONF	E	ARR					DUNNING

H EC 388 PROBLEMS IN TEXTILES AND CLOTHING.
 PREREQUISITE: H. EC. 286 OR 380, OR MKTG. 211, MINIMUM GRADE
 POINT AVERAGE OF 3.5, SENIOR STANDING IN HOME ECONOMICS, OR CONSENT
 OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 41141 CONF ARR ANSPACH AND
 TREBILCOCK

H EC 395 FASHION ANALYSIS.
 PREREQUISITE: ADV. 281, SENIOR STANDING, CONSENT OF INSTRUCTOR.
 FIELD TRIP, ESTIMATED EXPENSE, \$10.
 3 HOURS OR 1/2 UNIT
 41150 LECT-DISC 1 M W F 242 BEV HALL TREBILCOCK

COURSES FOR GRADUATES

H EC 418 SEMINAR IN CHILD DEVELOPMENT.
 PREREQUISITE: H. EC. 301.
 1 UNIT
 41168 LECT-DISC 7-9PM W 208 C D
 LAB ARR 208 C D

H EC 419 SEMINAR IN FAMILY RELATIONSHIPS.
 PREREQUISITE: H. EC. 410.
 1 UNIT
 41176 DISC 3-5 M W 208 C D MOWRER

H EC 423 PROBLEMS IN HUMAN NUTRITION.
 PREREQUISITE: H. EC. 324 OR EQUIVALENT.
 1/2 OR 1 UNIT
 41184 DISC ARR

H EC 432 SEMINAR IN FOODS.
 PREREQUISITE: UNDERGRADUATE MAJOR IN FOODS AND NUTRITION,
 CHEMISTRY, MICROBIOLOGY, OR PHYSIOLOGY, AND CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 41192 DISC ARR 449 BEV HALL VAN DUYNÉ

H EC 480 SEMINAR IN TEXTILES.
 PREREQUISITE: H. EC. 380 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 41206 DISC ARR

H EC 493 ADVANCED STUDIES IN HOME ECONOMICS.
 1/2 OR 1 UNIT
 WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
 * A--THE CHILD AND THE FAMILY
 * B--FAMILY AND CONSUMPTION ECONOMICS
 * C--FOODS
 * D--NUTRITION
 * E--TEXTILES AND CLOTHING
 41214 CONF *A ARR STAFF
 41222 CONF *B ARR
 41231 CONF *C ARR
 41249 CONF *D ARR
 41257 CONF *E ARR

H EC 499 THESIS RESEARCH.
 0 TO 4 UNITS
 WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
 * A--THE CHILD AND THE FAMILY MILLS
 * B--FAMILY AND CONSUMPTION ECONOMICS DUNNING
 * C--FOODS VAN DUYNÉ
 * D--NUTRITION HASKELL SMITH
 * E--TEXTILES AND CLOTHING
 41265 CONF *A ARR
 41273 CONF *B ARR
 41281 CONF *C ARR
 41290 CONF *D ARR
 41303 CONF *E ARR

HORTICULTURE

DEPARTMENT OFFICE

124 M H

COURSES FOR UNDERGRADUATES

HORT	100	INTRODUCTORY HORTICULTURE.									
		PREREQUISITE: BOT. 100.									
		3 HOURS									
	41311	LECT-DISC		2		M	W	F	W115	T	H
											ZYCH
HORT	110	PLANT AND ANIMAL GENETICS.									
		SAME AS AN. S., AGRON., AND D. S. 110.									
		PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101)									
		AND ZOOL. 104.									
		3 HOURS									
	41320	LECT		2		M	W		W109	T	H
	41338	LAB	I	1-3		TU			W 13	T	H
	41346	LAB	2	3-5		TU			W 13	T	H
	41354	LAB	3	1-3		TH			W 13	T	H
											ALEXANDER
HORT	199	UNDERGRADUATE OPEN SEMINAR.									
		*MAY BE REPEATED.									
		*0 TO 9 HOURS									
	41362	CONF			ARR						STAFF
COURSES FOR ADVANCED UNDERGRADUATES											
HORT	211	HOME GROUNDS DEVELOPMENT AND CONSTRUCTION.									
		PREREQUISITE: L. A. 152 AND HORT. 210, OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	41371	LECT		9		M			103	FLOR	NELSON
		LAB		10-12		M		F	234	BEV HALL	
HORT	226	BEDDING AND FOLIAGE PLANTS.									
		PREREQUISITE: HORT. 122 OR BOT. 100.									
		3 HOURS									
	41389	LECT		8		M	W		103	FLOR	FOSLER
		LAB		8-10				F	101	FLOR	
HORT	230	GARDEN FLOWERS.									
		PREREQUISITE: BOT. 100.									
		3 HOURS									
	41397	LECT-DISC		1		M	W	F	103	FLOR	SAUPE
		LAB			ARR				101	FLOR	
HORT	231	FLORAL DECORATIONS.									
		PREREQUISITE: JUNIOR STANDING.									
		3 HOURS									
	41401	LECT		2		TU			103	FLOR	CULBERT
	41419	LAB	A	10-12		TU	TH		101	FLOR	
	41427	LAB	B	10-12		M	W		101	FLOR	
	41435	LAB	C	3-5		M	W		101	FLOR	
HORT	232	ADVANCED FLORAL DECORATIONS AND FLOWER SHOP MANAGEMENT.									
		FOR FLORICULTURE STUDENTS ONLY.									
		PREREQUISITE: HORT. 231.									
		3 HOURS									
	41443	LECT		2			TH		103	FLOR	CULBERT
		LAB		3-5		TU	TH		101	FLOR	
HORT	236	TURF MANAGEMENT.									
		PREREQUISITE: BOT. 100.									
		3 HOURS									
	41451	LECT		1		TU	TH		103	FLOR	BUTLER
		LAB		2		TU	TH		101	FLOR	
HORT	262	FRUIT SCIENCE, I.									
		PREREQUISITE: BOT. 100.									
		3 HOURS									
	41460	LECT-DISC		11		M	W	F	103	FLOR	DAYTON, ZYCH

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HORT 300 SPECIAL PROBLEMS.
 PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION. WRITTEN CONSENT OF THE INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
 1 TO 5 HOURS, OR 1/2 TO 2 UNITS
 41478 CONF ARR STAFF

HORT 322 PLANT NUTRITION.
 PREREQUISITE: BOT. 330 AND 335 OR EQUIVALENT, AND ONE SEMESTER OF ORGANIC CHEMISTRY.
 4 HOURS OR 1 UNIT
 *ADDITIONAL TIME TO BE ARRANGED IN N107 TURNER HALL AT 12 O'CLOCK ON DAYS TO BE ARRANGED.
 41486 LECT-DISC A *11 M W F N107 T H HODGES

HORT 335 ECONOMICS OF FOOD DISTRIBUTION.
 SAME AS AG. EC. 335.
 PREREQUISITE: ECON. 10R, AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.
 3 HOURS, OR 3/4 OR 1 UNIT
 41494 LECT-DISC D 11 M W F 313 M H KELLY

HORT 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S. D. S., F. S. FOR., AND V. M. S. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT
 41508 LECT 9 TU TH W109 T H SEIF
 41516 LAB-DISC 1 1-3 TU W223 T H
 41524 LAB-DISC 2 3-5 TU W223 T H
 41532 LAB-DISC 3 1-3 W W121 T H
 41541 LAB-DISC 4 3-5 W W223 T H

COURSES FOR GRADUATES

HORT 424 MINERAL NUTRITION OF PLANTS.
 SAME AS BOT. AND AGRON. 424.
 PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 41559 LECT-DISC 1 8 TU TH S W115 T H HAGEMAN
 1 9 S W115 T H

HORT 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND V. M. S. 440.
 PREREQUISITE: HORT. 340 OR EQUIVALENT.
 3/4 UNIT
 41567 LECT 9 M Y W109 T H SEIF
 41575 LAB-DISC 1 1-3 TH W223 T H CARMER
 41583 LAB-DISC 2 3-5 TH W223 T H WALKER

HORT 447 HORTICULTURE SEMINAR.
 PREREQUISITE: GRADUATE STANDING IN HORTICULTURE OR ALLIED FIELDS.
 1/4 UNIT
 41591 LECT-DISC 4 W W115 T H STAFF

HORT 490 RESEARCH METHODS IN HORTICULTURE.
 PREREQUISITE: CHEM. 122 OR EQUIVALENT, CHEM. 133 OR EQUIVALENT, BOT. 330, 5 HOURS OF PHYSICS.
 1 UNIT
 41605 LECT-DISC 10-12 TU TH 203 VEG CROPS MCCOLLUM AND
 LAB 1-4 W 203 VEG CROPS SPLITSTOESSER

HORT 492 SPECIAL TOPICS IN HORTICULTURE.
 PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
 1/2 TO 2 UNITS
 41613 CONF ARR STAFF

HORT 499 THESIS RESEARCH.
 REQUIRED FOR MAJOR IN HORTICULTURE.
 PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE
 AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
 0 TO 4 UNITS

41621 CONF

ARR

STAFF

HUMANITIES

COURSES FOR UNDERGRADUATES

HUMAN 152 THE HUMANITIES IN WESTERN CULTURE, II.
 PREREQUISITE: HUMAN. 151.

4 HOURS

41630	LECT-DISC A	8-10	TU TH	240	ADMIN	PEDERSEN
41648	LECT-DISC B	8-10	W F	240	ADMIN	WIBLE
41656	LECT-DISC C	10-12	TU TH	240	ADMIN	BRANDABUR
41664	LECT-DISC D	2-4	TU TH	240	ADMIN	BRANDABUR
41672	LECT-DISC E	10-12	M W	240	ADMIN	NIETO
41681	LECT-DISC F	2-4	M W	240	ADMIN	COHEN
41699	LECT-DISC G	10-12	TU TH	433	ARMORY	SATTIN
41702	LECT-DISC H	2-4	TU TH	433	ARMORY	PEDERSEN
41711	LECT-DISC I	2-4	M W	433	ARMORY	
41729	LECT-DISC J	10-12	TU TH	337	ARMORY	PALMBERG

HUMAN 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

41737 CONF

ARR

COURSES FOR ADVANCED UNDERGRADUATES

HUMAN 202 INTRODUCTION TO THE NEW TESTAMENT.
 OPEN TO SOPHOMORES IN GOOD STANDING.

3 HOURS

41745	LECT-DISC A	9	M W F	114	D K H	ROBBINS
41753	LECT-DISC B	10	M W F	120	ARCH	SCHOEDEL

HUMAN 203 THE PENTATEUCH.
 PREREQUISITE: HUMAN. 201.

3 HOURS

41761	LECT-DISC A	3	M W F	209	D K H	MARBLESTONE
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HUMAN 206 THE PARABLES OF JESUS.
 PREREQUISITE: HUMAN. 202.

3 HOURS

41770	LECT-DISC A	11	M W F	433	ARMORY	ROBBINS
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HUMAN 212 THE GROWTH OF AMERICAN CULTURE, II.
 PREREQUISITE: JUNIOR STANDING.

4 HOURS

41788	LECT-DISC A	4	MTUWTH	66	LIB	CARRINGER
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HUMAN 256 INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION, II.
 SAME AS FR. 256.

NOT OPEN TO STUDENTS MAJORING IN FRENCH.

4 HOURS

41796	LECT-DISC	10	M W F	219	G H	B. BOWEN
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HUMAN 315 NINETEENTH CENTURY LITERATURE IN TRANSLATION.
 SAME AS RUSS. 315.

NO KNOWLEDGE OF RUSSIAN REQUIRED.

3 HOURS OR 1 UNIT

41800	LECT-DISC G	3-415	M W	392	L H	BRISTOL
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HUMAN 364 INTRODUCTION TO COMPARATIVE LITERATURE, II.
SAME AS C. LIT. 364.

3 HOURS OR 3/4 UNIT

41818	LECT-DISC A	11	TU TH	176	L H	SMALLEY
41826	LECT-DISC B	2	TU TH	370	L H	SMALLEY

INDONESIAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

INDON 202 ELEMENTARY INDONESIAN, II.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.

PREREQUISITE: INDON 201.

5 HOURS

OPEN TO FRESHMEN.

*ONE ADDITIONAL HOUR TO BE ARRANGED.

41834	LECT-DISC	*2	M W F	405	M H	YEGGRLEHNER
		*1	TU	405	M H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INDON 304 INTERMEDIATE INDONESIAN, II.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.

PREREQUISITE: INDON. 303 OR EQUIVALENT.

5 HOURS OR 1 UNIT

*TWO ADDITIONAL HOURS TO BE ARRANGED.

41842	LECT-DISC	*3	M W F	405	M H	YEGGRLEHNER
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INDUSTRIAL ENGINEERING

DEPARTMENT OFFICE

144 M E B

COURSES FOR UNDERGRADUATES

I E 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

41851	CONF	ARR
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COURSES FOR ADVANCED UNDERGRADUATES

I E 232 METHODS - TIME ANALYSIS.

PREREQUISITE: M. E. 185, OR EQUIVALENT; JUNIOR STANDING.

3 HOURS

41869	LAB-DISC E	1-3	M W	235	M E B
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I E 237 MANUFACTURING ORGANIZATION AND OPERATION.

PREREQUISITE: JUNIOR STANDING IN ENGINEERING.

3 HOURS

41877	LECT-DISC D	11	M W F	253	M E B
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I E 282 PROCESS PLANNING AND ECONOMY IN MANUFACTURING.

PREREQUISITE: M. E. 185 OR EQUIVALENT; SENIOR STANDING IN ENGINEERING.

3 HOURS

41885	LECT-DISC P	1	TU TH	218	M E B
41893	LAB L1	9-12	TU	135	M E B
41907	LAB Q	2-5	TU	135	M E B

I E 286 OPERATIONS ANALYSIS.
 PREREQUISITE: I. E. 232 AND MATH 263, OR CONSENT OF INSTRUCTOR.
 3 HOURS
 41915 LECT-DISC B 9 M W F 243 M E B

I F 287 JOB EVALUATION AND WAGE INCENTIVES.
 PREREQUISITE: I. E. 232 OR EQUIVALENT, SENIOR STANDING.
 3 HOURS
 41923 LECT-DISC D 11 M W F 235 M E B

I E 288 INDUSTRIAL SYSTEMS ANALYSIS AND DESIGN.
 PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 282 AND 286.
 3 HOURS
 41931 LECT-DISC CQ3 10 M F 243 M E B

I E 290 SENIOR PROJECT LABORATORY.
 PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING.
 *MAY BE REPEATED FOR CREDIT.
 41940 CONF Y ARR

I E 291 SEMINAR.
 PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, MUST BE
 TAKEN FIRST SEMESTER OF SENIOR YEAR.
 0 CREDIT
 41958 LECT H 4 M 253 M E B

I F 293 SPECIAL PROJECTS.
 PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, CONSENT OF
 HEAD OF DEPARTMENT.
 3 HOURS
 41966 CONF Y ARR

I E 296 HONORS PROJECT.
 PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
 1 TO 4 HOURS
 41974 CONF EZ ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

I E 306 QUANTITATIVE METHODS IN ERGONOMICS.
 SAME AS P. E. AND PHYSL. 306.
 PREREQUISITE: I. E./PHYSL. 305.
 4 HOURS OR 1 UNIT
 41982 LAB 1-4 TU TH 422 BUR HALL HERTIG,
 JOHNSON

I E 332 STANDARD TIME SYSTEMS.
 PREREQUISITE: I. E. 232.
 3 HOURS, OR 3/4 OR 1 UNIT
 41991 LECT-DISC 8-10 TU TH 235 M E B PIGAGE

I F 333 ENGINEERING APPLICATIONS OF STATISTICS.
 PREREQUISITE: MATH. 263 OR MATH. 363.
 3 HOURS, OR 3/4 OR 1 UNIT
 42007 LECT-DISC 3 M W F 243 M E B HENRY

I E 334 INTRODUCTION TO RELIABILITY ENGINEERING.
 SAME AS G. E. 334.
 PREREQUISITE: I. E. 333 OR MATH. 361 OR EQUIVALENT WITH
 CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 42015 LECT-DISC 11 M W F 243 M E B HENRY

I E 350 MANUFACTURING PROCESS AND TOOL DESIGN.
 PREREQUISITE: I. E. 282 OR UNDERGRADUATE COURSE IN ENGINEERING
 ECONOMY.
 3 HOURS, OR 3/4 OR 1 UNIT
 42023 LECT-DISC 2 M W F 135 M E B DOYLE

I E 357 SAFETY ENGINEERING.
 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 42031 LECT-DISC 8 M W F 218 M E B HARPER

I E 358 PROBLEMS IN SAFETY ENGINEERING.
 PREREQUISITE: I. E. 357 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 42040 LECT-DISC ARR HARPER

I E 386 INDUSTRIAL ENGINEERING ANALYSIS.
 PREREQUISITE: MATH. 263 AND I. E. 286, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 3/4 OR 1 UNIT
 42058 LECT-DISC 10-12 TU TH 243 M E B

COURSES FOR GRADUATES

I E 402 SCIENTIFIC MANAGEMENT, II.
 SAME AS B. ADM. 402.
 PREREQUISITE: B. ADM. OR I. E. 401; BACKGROUND IN COMPUTER TECHNOLOGY OR CONSENT OF INSTRUCTOR.
 1 TO 1 1/2 UNITS
 42066 LECT-DISC 3-5 TU TH 235 M E B WALLHAUS

I E 417 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, II.
 SAME AS C. E. 417.
 PREREQUISITE: C. E. OR I. E. 416, CREDIT OR REGISTRATION IN MATH. 315, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 *CIVIL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION CE.
 *INDUSTRIAL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION LM.
 42074 LECT-DISC *CE 8-920 TU TH 322 E H WOODHEAD
 42082 LECT-DISC *LM 8-920 TU TH 243 M E B DESSOUKY

I E 454 PRODUCTION ENGINEERING.
 PREREQUISITE: I. E. 453.
 1 UNIT
 42091 LECT-DISC ARR PIGAGE

I E 458 LABORATORY INVESTIGATIONS IN INDUSTRIAL ENGINEERING.
 1/2 TO 1 1/2 UNITS
 42104 CONF ARR PIGAGE, HARPER
 HENRY,
 DESSOUKY,
 WALLHAUS

ITALIAN

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY HOURS IN ITALIAN, EXCLUDING ITALIAN 101 AND 102, AND INCLUDING AT LEAST FIVE HOURS FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. LINGUISTICS 300 AND ITALIAN 291 AND 292 ARE ACCEPTABLE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, LATIN, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, AND SPANISH.

COURSES FOR UNDERGRADUATES

ITAL 101 ELEMENTARY ITALIAN, I.

*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ITAL. 101 WITHOUT ITAL. 102.

*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS F3-F21.

42112	LECT-DISC	C	10	TUWTHF	4	G H
42121	LECT-DISC	X	12	MTUWTH	108	L H
42139	LAB	F 3	8	F	202	L H
42147	LAB	F 5	9	F	202	L H
42155	LAB	F 7	10	F	202	L H
42163	LAB	F 9	11	F	202	L H
42171	LAB	F11	12	F	202	L H
42180	LAB	F13	1	F	202	L H
42198	LAB	F15	2	F	202	L H
42201	LAB	F17	3	F	202	L H
42210	LAB	F19	4	F	202	L H
42228	LAB	F21	5	F	202	L H

ITAL 102 ELEMENTARY ITALIAN, II.

PREREQUISITE: ITAL. 101 OR ONE YEAR OF HIGH SCHOOL ITALIAN.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS F3-F21.

42236	LECT-DISC	D	11	TUWTHF	102	L H
42244	LECT-DISC	X	12	MTUWTH	102	L H
42252	LECT-DISC	E	1	MTUWTH	154	ADMIN
42261	LAB	F 3	8	F	202	L H
42279	LAB	F 5	9	F	202	L H
42287	LAB	F 7	10	F	202	L H
42295	LAB	F 9	11	F	202	L H
42309	LAB	F11	12	F	202	L H
42317	LAB	F13	1	F	202	L H
42325	LAB	F15	2	F	202	L H
42333	LAB	F17	3	F	202	L H
42341	LAB	F19	4	F	202	L H
42350	LAB	F21	5	F	202	L H

ITAL 103 INTERMEDIATE ITALIAN, I.

PREREQUISITE: ITAL. 102 OR TWO YEARS OF HIGH SCHOOL ITALIAN.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS M3-M22.

42368	LECT-DISC	X	12	MTUWTH	118	L H
42376	LAB	M 3	8-830	W F	202	L H
42384	LAB	M 4	830-9	W F	202	L H
42392	LAB	M 5	9-930	W F	202	L H
42406	LAB	M 6	930-10	W F	202	L H
42414	LAB	M 7	10-1030	W F	202	L H
42422	LAB	M 8	1030-11	W F	202	L H
42431	LAB	M 9	11-1130	W F	202	L H
42449	LAB	M10	1130-12	W F	202	L H
42457	LAB	M11	12-1230	W F	202	L H
42465	LAB	M12	1230-1	W F	202	L H
42473	LAB	M13	1-130	W F	202	L H
42481	LAB	M14	130-2	W F	202	L H
42490	LAB	M15	2-230	W F	202	L H

ITAL 103	CONTINUED									
42503	LAB	M16	230-3	W	F	202	L	H		
42511	LAB	M17	3-330	W	F	202	L	H		
42520	LAB	M18	330-4	W	F	202	L	H		
42538	LAB	M19	4-430	W	F	202	L	H		
42546	LAB	M20	430-5	W	F	202	L	H		
42554	LAB	M21	5-530	W	F	202	L	H		
42562	LAB	M22	530-6	W	F	202	L	H		

ITAL 104 INTERMEDIATE ITALIAN, II.
PREREQUISITE: ITAL. 103 OR THREE YEARS OF HIGH SCHOOL ITALIAN.
4 HOURS

42571	LECT-DISC	E	1	MTUWTH	118	L	H		
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ITAL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS

42589	CONF	ARR							STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

ITAL 212 COMPOSITION AND CONVERSATION, II.
PREREQUISITE: ITAL. 211 OR CONSENT OF INSTRUCTOR.
3 HOURS

42597	LECT-DISC		11	M	W	F	176	L	H
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ITAL 292 SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN ITALIAN.
2 HOURS

42601	CONF	EA	ARR						STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ITAL 312 DANTE--LA DIVINA COMMEDIA.
PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT

42619	LECT-DISC		9	TU	TH	230	L	H	PIETRANGELI
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ITAL 313 THE DIVINE COMEDY.
SAME AS C. LIT. 313.
PREREQUISITE: JUNIOR STANDING.

42627	LECT-DISC		10	TU	TH	230	L	H	KAHANE
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ITAL 322 MODERN ITALIAN LITERATURE.
PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT

42635	LECT-DISC		11	TU	TH	431	ARMORY		HERSHBERG
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COURSES FOR GRADUATES

ITAL 403 STORIA DELLA LETTERATURA ITALIANA, I.
*MAY BE REPEATED.
*1 UNIT

42643	SECTION F TOPIC: FROM PETRARCH TO GALILEO.	LECT-DISC	F	2-4	F	230	L	H	MONTANO
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ITAL 416 ITALIAN LITERATURE OF THE RENAISSANCE.
1 UNIT

42651	LECT-DISC		9	M	W	223	L	H	PIETRANGELI
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ITAL 462 INTRODUCTION TO ROMANCE LINGUISTICS.
SAME AS LING., FR., SPAN. AND PORT. 462.

42660	1/2 UNIT	LECT-DISC	10	TU	TH	176	L	H	WANNER
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ITAL 491 SPECIAL TOPICS IN ITALIAN.
1/2 OR 1 UNIT

42678	CONF	ARR							STAFF
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ITAL 499 THESIS RESEARCH.
0 TO 4 UNITS
42636 CONF

ARR

KAHANE, MONTA
PIETRANGELI

JAPANESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

JAPAN 202 ELEMENTARY JAPANESE, II.
PREREQUISITE: JAPAN. 201.

5 HOURS

OPEN TO FRESHMEN.

42694 LECT-DISC

2

MTUWTHF

210 C A

MAKINO,
KINOSHITA,
MAKIUCHI

JAPAN 204 INTERMEDIATE JAPANESE, II.
PREREQUISITE: JAPAN. 203 OR EQUIVALENT.

5 HOURS

42708 LECT-DISC

2

MTUWTHF

204N H H

MAKINO,
AKATSUKA

JAPAN 206 JAPANESE LITERATURE IN TRANSLATION, II.

3 HOURS

OPEN TO FRESHMEN. NO KNOWLEDGE OF JAPANESE REQUIRED.

42716 LECT-DISC

10

M W F

311 D H

PLUTSCHOW

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JAPAN 302 INTENSIVE JAPANESE, II.
PREREQUISITE: JAPAN. 301 OR EQUIVALENT.

10 HOURS OR 2 UNITS

OPEN TO FRESHMEN.

ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND
SECTION 2.

42724 LECT-DISC 1

3-5

MTUWTHF

201 N L

42732 LECT-DISC 2

3-5

MTUWTHF

201 N L

MAKINO,
KINOSHITA,
AKATSUKA,
MAKIUCHI

JAPAN 304 ADVANCED JAPANESE, II.
PREREQUISITE: JAPAN. 303 OR EQUIVALENT.

5 HOURS OR 1 UNIT

42741 LECT-DISC

ARR

PLUTSCHOW,
MAKIUCHI

JAPAN 306 ADVANCED READINGS IN MODERN JAPANESE, II.
PREREQUISITE: JAPAN. 305 OR EQUIVALENT.

3 HOURS OR 1 UNIT

42759 LECT-DISC

ARR

AKATSUKA

JOURNALISM

DEPARTMENT OFFICE

120A G H

COURSES FOR UNDERGRADUATES

JOURN 114 AGRICULTURAL JOURNALISM.
SAME AS AGR. 114.

3 HOURS

42767	LECT-DISC		10	TU TH	313	M H	EVANS
42775	LAB	A	1	TH	442	M H	
42783	LAB	B	2	TH	442	M H	

COURSES FOR ADVANCED UNDERGRADUATES

JOURN 204 TYPOGRAPHY.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
CONSENT OF THE COLLEGE.

3 HOURS

42791	LECT		2	TU TH	223	G H	HANSON
42805	LAB	E	1-3	W	31	G H	
42813	LAB	G	3-5	M	31	G H	
42821	LAB	P1	3-5	TU	31	G H	
42830	LAB	P2	3-5	TH	31	G H	
42848	LAB	Z1	7-9PM	M	31	G H	
42856	LAB	Z2	7-9PM	W	31	G H	

JOURN 211 NEWSWRITING.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
CONSENT OF THE COLLEGE.

3 HOURS

42864	LECT		I	TH	223	G H	HILDWEIN
42872	LAB	A	8-10	M W	25	G H	
42881	LAB	C	10-12	M W	25	G H	
42899	LAB	E	1-3	M W	25	G H	
42902	LAB	G	3-5	M W	25	G H	
42911	LAB	L	8-10	TU TH	25	G H	
42929	LAB	N	10-12	TU TH	25	G H	
42937	LAB	T	3-5	TU TH	25	G H	

JOURN 212 PUBLIC AFFAIRS REPORTING.

PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF
COMMUNICATIONS, OR CONSENT OF THE COLLEGE.

3 HOURS

*SIX ADDITIONAL HOURS TO BE ARRANGED.

42945	LECT-DISC	M	9	TU TH	43	G H	ZIFF ERICKSON GILMORE
42953	LECT-DISC	N	1	TU TH	225	G H	
42961	LECT-DISC	P	2	TU TH	4	G H	

JOURN 214 ADVANCED AGRICULTURAL JOURNALISM.

SAME AS AGR. 214.

PREREQUISITE: JOURN. 114 OR CONSENT OF INSTRUCTOR.

3 HOURS

42970	LECT-DISC		9	TU TH	442	M H	DAHL
	LAB		8	TU	442	M H	

JOURN 215 CONTEMPORARY AFFAIRS.

PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF
COMMUNICATIONS, OR CONSENT OF THE COLLEGE.

2 HOURS

42988	LECT-DISC	D	11	TU TH	43	G H	GERSHEN ZIFF BOSTON
42996	LECT-DISC	S	2	TU TH	219	G H	
43002	LECT-DISC	T	3	TU TH	113	G H	

JOURN 217 HISTORY OF COMMUNICATIONS.

SAME AS COMM. 217.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
CONSENT OF THE COLLEGE.

3 HOURS

43011	LECT-DISC	E	1	M W F	215	G H	ERICKSON KNIGHTS
43029	LECT-DISC	R	3	TU	215	G H	
			3-5	TH	215	G H	

JOURN 220 PROCESSES AND SYSTEMS OF COMMUNICATION.
 SAME AS COMM. 220.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS B1 AND G1 ARE FOR STUDENTS IN THE COLLEGE OF
 COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS
 B2 AND G2. ART-GRAPHIC DESIGN MAJORS SEE COMMUNICATIONS 220.

43037	LECT-DISC #B1	10	M	W	F	113	G H	KREILING
43053	LECT-DISC #B2	10	M	W	F	113	G H	
43045	LECT-DISC #G1	3	M	W	F	113	G H	CAREY
43061	LECT-DISC #G2	3	M	W	F	113	G H	

JOURN 223 PHOTO-JOURNALISM.
 COST OF MATERIALS APPROXIMATELY \$15 PER STUDENT. CAMERAS ARE
 PROVIDED BY THE COLLEGE.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS AND
 CONSENT OF INSTRUCTOR.
 3 HOURS
 *LECTURE-DISCUSSION B1 AND LABS R1 AND S1 ARE FOR STUDENTS IN THE
 COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN
 LECTURE-DISCUSSION B2 AND LAB R2 OR S2.

43070	LECT	#B1	9		F	25	G H	HILDWEIN
43100	LECT	#B2	9		F	25	G H	
43088	LAB	*R1	1-5	TU		13	G H	
43118	LAB	*R2	1-5	TU		13	G H	
43096	LAB	*S1	1-5	W		13	G H	
43126	LAB	*S2	1-5	W		13	G H	

JOURN 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
 SAME AS COMM. 231.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 *SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF
 COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2
 AND E2.

43134	LECT-DISC #D1	11	M	W	F	123	G H	BOSTON
43151	LECT-DISC #D2	11	M	W	F	123	G H	
43142	LECT-DISC #E1	1	M	W	F	123	G H	GUBACK
43169	LECT-DISC #E2	1	M	W	F	123	G H	

JOURN 233 PUBLICATION DESIGN AND PRODUCTION.
 PREREQUISITE: JOURN. 204 OR CONSENT OF INSTRUCTOR.
 2 HOURS

43177	LECT-DISC	10	M	W		31	G H	HANSON
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JOURN 241 LAW AND COMMUNICATIONS.
 SAME AS COMM. 241.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS

43185	LECT-DISC	2	M	W	F	113	G H	ALFELD
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JOURN 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
 SAME AS COMM. AND SOC. 251.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS

43193	LECT-DISC F	2	M	W	F	215	G H	KREILING
43207	LECT-DISC H	4	M	W	F	215	G H	

JOURN 291 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 2 OR 3 HOURS

43215	CONF	ARR						STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JOURN 310 TYPOGRAPHIC DISCIPLINES OF THE BOOK.
 SAME AS ENGL. 392 AND LIB. S. 310.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

43223	LECT-DISC	ARR						
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JOURN 321 NEWS EDITING.
 PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 204 AND 212;
 REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE
 COLLEGE.
 4 HOURS OR 1 UNIT

43231	LECT		9	M W	215	G H	SCHACHT
43240	LAB	E	1-4	M W	229	G H	GILMORE
43258	LAB	L	8-11	TU TH	229	G H	SLOVONSKY
43266	LAB	N	1-4	TU TH	229	G H	SCHACHT

JOURN 323 ADVANCED REPORTING.
 PREREQUISITE: JOURN 211 AND 212; REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
 3 HOURS OR 1/2 UNIT
 *SIX ADDITIONAL HOURS TO BE ARRANGED.

43274	LECT-DISC	M	*9	TU TH	113	G H	BOSTON
43282	LECT-DISC	S	*11	TU TH	113	G H	ZIFF
43291	LECT-DISC	N	*2	TU TH	113	G H	GERSHEN

JOURN 326 MAGAZINE ARTICLE WRITING.
 PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
 3 HOURS OR 1/2 UNIT
 *SECTION E1 IS FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS
 ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.

43304	LECT-DISC	*E1	11	M W F	18	G H	SCHACHT
43312	LECT-DISC	*E2	11	M W F	18	G H	

JOURN 327 SPECIAL TOPICS IN TWENTIETH CENTURY JOURNALISM.
 PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF
 COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
 2 HOURS OR 1/2 UNIT

43321	LECT-DISC		1	TU TH	113	G H	KNIGHTS
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JOURN 330 MAGAZINE EDITING.
 PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 326.
 3 HOURS OR 1/2 UNIT

43339	LECT-DISC		2	M W F	123	G H	SCHACHT
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COURSES FOR GRADUATES

JOURN 468 THE POLITICAL ECONOMY OF COMMUNICATIONS.
 SAME AS COMM. 468.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT

43347	LECT-DISC		1-3	TH	123	G H	GUBACK
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JOURN 470 COMMUNICATIONS AND POPULAR CULTURE.
 SAME AS COMM. 470.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT

43355	LECT-DISC		3-5	TH	123	G H	KREILING
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JOURN 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.
 SAME AS COMM. 473.
 PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
 1 UNIT

43363	LECT-DISC		10-12	TH	123	G H	JENSEN
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JOURN 490 SPECIAL TOPICS IN JOURNALISM.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 1/2 OR 1 UNIT
 *SECTION A TOPIC: READINGS IN POPULAR CULTURE.
 *SECTION B TOPIC: HISTORY OF COMMUNICATIONS. (RESEARCH).
 *SECTION C TOPIC: QUANTITATIVE METHODS IN COMMUNICATIONS.

43371	CONF		ARR				JENSEN & STAFF
43380	CONF	*A	730-930PM	TH	123	G H	CAREY
43398	CONF	*B	730-930PM	TU	123	G H	KNIGHTS
43401	CONF	*C	ARR				WIGGINS

JOURN 499 THESIS RESEARCH.
 PREREQUISITE: GRADUATE STANDING IN JOURNALISM.
 1 TO 2 UNITS

43410	CONF		ARR				JENSEN & STAFF
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KOREAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

KOREA 202 ELEMENTARY KOREAN, II.

PREREQUISITE: KOREAN 201.

5 HOURS

OPEN TO FRESHMEN.

43428 LECT-DISC ARR

KIM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

KOREA 304 INTERMEDIATE KOREAN, II.

PREREQUISITE: KOREAN 303 OR EQUIVALENT.

5 HOURS OR 1 UNIT

43436 LECT-DISC ARR

KIM

LABOR AND INDUSTRIAL RELATIONS

DEPARTMENT OFFICE

504 E ARMORY, C.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L I R 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE.

SAME AS ECON. 315.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT

43444 LECT-DISC G 1 M W F 20 COM W

L I R 321 INDUSTRIAL SOCIAL SYSTEMS, I.

SAME AS B. ADM. 321.

PREREQUISITE: I. ADM. 210; PSYCH. 100; PSYCH. 201 OR

CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 TO 1 UNIT

43452 LECT-DISC B 9 M W F 241 COM W

L I R 341 THE ECONOMICS OF LABOR MARKETS.

SAME AS ECON. 341.

PREREQUISITE: ECON. 103 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT

43461 LECT-DISC N 10-1130 TU TH 11 COM W

L I R 345 ECONOMICS OF MANPOWER.

SAME AS ECON. 345.

PREREQUISITE: ECON. 103 OR 108.

*GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH L. I. R. 345 AND

ECON/L. I. R. 444.

*3 HOURS, OR 1/2 OR 1 UNIT

43479 LECT-DISC C 10 M W F 11 COM W

L I R 347 LABOR LAW I.

SAME AS LAW 347.

3 HOURS OR 1 UNIT

43487 LECT-DISC A 9 THFS AUD LAW

L I R 355 INDUSTRIAL SOCIAL PSYCHOLOGY.

SAME AS PSYCH. 355.

PREREQUISITE: PSYCH. 201 OR 357.

3 HOURS, OR 1/2 OR 1 UNIT

*SECTION 41 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL

OTHER STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE

PSYCHOLOGY 355

43495 LECT *A1 10 M W F 29 PSYCH BLDG

43509 LECT *A2 10 M W F 29 PSYCH BLDG

L I R 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
 SAME AS PSYCH. 357.
 PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL
 OTHER STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE
 PSYCHOLOGY 357.

43517	LECT	*A1	11	M W F	207	PSYCH BLDG
43525	LECT	*A2	11	M W F	207	PSYCH BLDG

COURSES FOR GRADUATES

L I R 418 SEMINAR IN INDUSTRIAL AND ECONOMIC SOCIOLOGY.
 SAME AS SOC. 418.
 PREREQUISITE: L. I. R. 318 OR CONSENT OF INSTRUCTOR.
 1 UNIT

43533	LECT-DISC		10-12	W	43	L I R	KARSH
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L I R 420 FORMATION OF PUBLIC POLICY.
 SAME AS POL. S. 420.
 1 UNIT

43541	LECT-DISC		1-3	F	398	L H	
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L I R 441 LABOR ECONOMICS.
 SAME AS ECON. 441.
 PREREQUISITE: ECON. 300 AND 301.
 1 UNIT

43550	LECT-DISC R		1-3	TH	24	COM W	
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L I R 442 COLLECTIVE BARGAINING.
 SAME AS ECON. 442.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

43568	LECT-DISC		1-3	TU	43	L I R	GERHART
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L I R 443 PROBLEMS AND PRACTICES OF LABOR DISPUTE SETTLEMENT.
 SAME AS ECON. 443.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

43576	LECT-DISC		3-5	TU	43	L I R	MCPHERSON
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L I R 445 INVESTMENT IN HUMAN RESOURCES.
 SAME AS VOTEC. 445.
 PREREQUISITE: INTRODUCTORY COURSE IN ECONOMICS AND IN
 QUANTITATIVE METHODS.
 1 UNIT

43584	LECT-DISC		1-3	W	43	L I R	FOLK
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L I R 446 FOREIGN AND INTERNATIONAL LABOR MOVEMENTS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

43592	LECT-DISC		3-5	TH	43	L I R	STURMTHAL
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L I R 450 MANAGEMENT AND INDUSTRIAL RELATIONS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT

43606	LECT-DISC		10-12	M	43	L I R	WAGNER
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L I R 490 INDIVIDUAL TOPICS.
 0 TO 2 UNITS

43614	CONF	A	ARR				STAFF
43622	CONF	B	ARR				STAFF
43631	CONF	C	ARR				STAFF

L I R 491 RESEARCH WORKSHOP.
 PREREQUISITE: L. I. R. 492.
 1 UNIT

43649	LECT-DISC		10-12	F	43	L I R	FRANKE
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L I R 493	QUANTITATIVE METHODS IN LABOR AND INDUSTRIAL RELATIONS. PREREQUISITE: ANY ELEMENTARY STATISTICS COURSE, SUCH AS ECON. 170. 1 UNIT						
43657	LECT-DISC	A	1-3	TH	43	L I R	GRAEN
43665	LECT-DISC	B	3-5	M	43	L I R	SCOVILLE
L I R 495	APPLICATION OF THEORY TO CONTEMPORARY PROBLEMS IN LABOR AND INDUSTRIAL RELATIONS. PREREQUISITE: L. I. R. 493, 494, OR CONSENT OF INSTRUCTOR. 1 UNIT						
43673	LECT-DISC		10-12	TU	43	L I R	ROTHBAUM
L I R 497	COLLECTIVE BARGAINING IN PUBLIC EMPLOYMENT. SAME AS ED. AD. 497, SOC. W. 497, AND POL. S. 469. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT						
43681	LECT-DISC	A	3-5	W	43	L I R	DERBER
L I R 499	THESIS RESEARCH. 0 TO 4 UNITS						
43690	CONF		ARR				STAFF

LANDSCAPE ARCHITECTURE

DEPARTMENT OFFICE

205 M H

COURSES FOR UNDERGRADUATES

L A 102	SITE PLANNING. 2 HOURS						
43703	LECT		3	TU TH	153	A S L	HAZLETT
L A 122	LANDSCAPE SURVEYS 3 HOURS						
43711	LECT		11	TU TH	N107	T H	HAZLETT
43720	LAB	E	1-3	TU TH	214	M H	HAZLETT
		E	7-10PM	TU	214	M H	HAZLETT
43738	LAB	G	3-5	TU TH	214	M H	HAZLETT
		G	7-10PM	TH	214	M H	HAZLETT
L A 134	SITE DESIGN. PREREQUISITE: L. A. 133 OR CONSENT OF INSTRUCTOR. 4 HOURS						
43746	LECT		1	M W F	214	M H	HOLADAY
43754	LAB	A	8-10	M W F	214	M H	HOLADAY
		A	7-10PM	M	214	M H	HOLADAY
43762	LAB	C	10-12	M W F	214	M H	HOLADAY
		C	7-10PM	W	214	M H	HOLADAY
L A 152	PLANT MATERIALS, II. PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR. 3 HOURS						
43771	LECT		3	M W F	153	A S L	KEITH
	LAB		4	M W F	153	A S L	KEITH
L A 182	VISUAL COMMUNICATIONS, II. PREREQUISITE: L. A. 181. 2 HOURS						
43789	LAB-DISC		3-5	M W F	214	M H	STAFF

L A 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 43797 CONF ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES

L A 236 URBAN LAND DESIGN.
 PREREQUISITE: L. A. 235 OR CONSENT OF INSTRUCTOR.
 4 HOURS
 43801 LAB-DISC 8-12 M W F 200S M H

STAFF

L A 244 LANDSCAPE CONSTRUCTION.
 PREREQUISITE: L. A. 102 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 43819 LECT 8 TU TH 153 A S L
 LAB 9-12 TU TH 200S M H

ZOLOMIJ
 ZOLOMIJ

L A 246 PROFESSIONAL PRACTICE.
 PREREQUISITE: SENIOR STANDING IN LANDSCAPE ARCHITECTURE OR CONSENT
 OF INSTRUCTOR.
 3 HOURS
 43827 LECT 10 M W F 153 A S L

RUTLEDGE

L A 254 PLANTING DESIGN, II.
 PREREQUISITE: L. A. 151 OR 152.
 3 HOURS
 43835 LECT 1 TU TH 153 A S L
 LAB 2-5 TU TH 200N M H

WALKER
 WALKER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L A 338 THESIS DESIGN PROJECT.
 PREREQUISITE: L. A. 337 OR CONSENT OF INSTRUCTOR.
 5 HOURS, OR 1 TO 2 UNITS
 43843 LAB-DISC 1-5 M W F 2CON M H

STAFF

COURSES FOR GRADUATES

L A 435 URBAN DESIGN.
 PREREQUISITE: PASSAGE OF SPECIAL DESIGN EXAMINATION AND CREDIT
 OR REGISTRATION IN U. P. 384.
 2 UNITS
 43851 LAB 1-5 MTUWTHF 110 MUM HOUSE

L A 436 ADVANCED LANDSCAPE DESIGN.
 PREREQUISITE: PASSAGE OF SPECIAL DESIGN EXAMINATION, OR CONSENT OF
 INSTRUCTOR.
 1 TO 2 UNITS
 43860 LAB 1-5 M W F 110 MUM HOUSE

L A 457 LANDSCAPE MANAGEMENT.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 43878 LECT 10-12 TU 210 M H
 LAB ARR

L A 467 LANDSCAPE ARCHITECTURE PROFESSIONAL EDUCATION.
 PREREQUISITE: GRADUATE STANDING IN LANDSCAPE ARCHITECTURE.
 1 UNIT
 43886 LECT 10-12 TH 210 M H
 LAB ARR

L A 487 SEMINAR.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT
 43894 DISC 8-10 TU 210 M H

L A 490 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 1 UNIT
 43908 LAB ARR

L A 499 THESIS RESEARCH.
 0 TO 1 1/2 UNITS
 43916 CONF ARR

LATIN

DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS, EXCLUDING LATIN 101, 102, AND 103, AND INCLUDING SIX HOURS IN TRANSLATION COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE. SEE ALSO THE SPECIALIZED CURRICULUM PREPARATORY TO THE TEACHING OF LATIN.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (GREEK BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

COURSES FOR UNDERGRADUATES

LAT 101 ELEMENTARY LATIN, I.
 *NO CREDIT TOWARD GRADUATION IS GIVEN FOR LAT. 101 WITHOUT LAT. 102.
 *4 HOURS
 43924 LECT-DISC A 1 MTUWTH 362 L H
 43932 LECT-DISC B 1 MTUWTH 240 ADMIN

LAT 102 ELEMENTARY LATIN, II.
 PREREQUISITE: LAT. 101 OR ONE YEAR OF HIGH SCHOOL LATIN.
 4 HOURS
 *SECTION E IS LIMITED TO STUDENTS HAVING TAKEN 101C IN THE FALL.
 43941 LECT-DISC A 10 MTUWTH 362 L H SCANLAN
 43959 LECT-DISC B 10 MTUWTH 62 K M SCANLAN
 43967 LECT-DISC C 12 MTUWTH 362 L H SCANLAN
 43975 LECT-DISC D 12 MTUWTH 314 L H SCANLAN
 43983 LECT-DISC *E 10 MTUWTH 151 ARMORY PARKER

LAT 103 INTERMEDIATE LATIN.
 PREREQUISITE: LAT. 102 OR TWO YEARS OF HIGH SCHOOL LATIN.
 4 HOURS
 43991 LECT-DISC A 12 MTUWTH 240 ADMIN
 44008 LECT-DISC C 1 MTUWTH 430 ARMORY

LAT 104 INTRODUCTION TO VERGIL.
 PREREQUISITE: LAT. 103 OR THREE YEARS OF HIGH SCHOOL LATIN.
 4 HOURS
 *SECTION E IS LIMITED TO STUDENTS HAVING TAKEN 103 D OR E IN THE FALL.
 44016 LECT-DISC A 11 MTUWTH 374 L H
 44024 LECT-DISC B 12 MTUWTH 209 D K H
 44032 LECT-DISC *E 12 MTUWTH 219 G H PARKER

LAT 114 LATIN COMPOSITION, II.
 REQUIRED OF THOSE RECEIVING THE RECOMMENDATION OF THE DEPARTMENT AS TEACHERS.
 PREREQUISITE: LAT. 113.
 2 HOURS
 44041 LECT-DISC A 9 TU TH 394 L H SCANLAN

LAT 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 44059 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

LAT	202	SURVEY OF LATIN LITERATURE. PREREQUISITE: LAT. 105 OR FOUR YEARS OF HIGH SCHOOL LATIN. 3 HOURS							
	44067	LECT-DISC A	10	M	W	F	430	ARMORY	TAYLOR
	44075	LECT-DISC B	10	M	W	F	394	L H	
LAT	204	LITERATURE OF THE EMPIRE. PREREQUISITE: LAT. 202. 3 HOURS							
	44083	LECT-DISC A	10	M	W	F	209	D K H	BRIGHT
LAT	291	SENIOR SURVEY. PREREQUISITE: LAT. 204. 2 HOURS							
	44091	CONF	AFR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LAT	306	AN ADVANCED COURSE IN VERGIL. PREREQUISITE: LAT. 201 AND 202. 3 HOURS OR 1/2 UNIT							
	44105	LECT-DISC A	9	M	W	F	433	ARMORY	NEWMAN
LAT	307	THE STRUCTURE OF LATIN. PREREQUISITE: LAT. 204 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT							
	44113	LECT-DISC A	2	M	W	F	362	L H	BATEMAN
LAT	312	ADVANCED COMPOSITION. PREREQUISITE: LAT. 311 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT							
	44121	LECT-DISC A	10	M	W	F	433	ARMORY	NEWMAN
LAT	361	MEDIEVAL LATIN. PREREQUISITE: TWO YEARS OF COLLEGE LATIN OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT							
	44130	LECT-DISC A	9	M	W	F	209	D K H	WALLACH
LAT	391	READINGS IN LATIN LITERATURE. PREREQUISITE: THREE YEARS OF COLLEGE LATIN OR EQUIVALENT, CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE 12 HOURS. *3 HOURS OR 3/4 UNIT TOPIC: LIVY.							
	44148	LECT-DISC A	1	M	W	F	209	D K H	WALLACH

COURSES FOR GRADUATES

LAT	412	LATIN ELEGY. 1 UNIT							
	44156	LECT-DISC A	3-5	M	W		409	LIB	OLIVER
LAT	421	HORACE. 1 UNIT							
	44164	LECT-DISC A	3-5	TU	TH		409	LIB	MARCOVICH
LAT	427	ROMAN SATIRE. 1 UNIT							
	44172	LECT-DISC A	11	M	W	F	409	LIB	HELLER
LAT	491	DIRECTED READING. PREREQUISITE: SECOND YEAR GRADUATE STANDING. *NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D. *1/4 TO 1 UNIT							
	44181	CONF	ARR						STAFF

LAT	496	BIBLIOGRAPHY AND CRITICISM, II.					
		SAME AS GRK. 496.					
	1/2 UNIT						
	44199	LECT-DISC A	2	TU TH	409	L1B	OLIVER
LAT	499	THESIS RESEARCH.					
	0 TO 4 UNITS						
	44202	CONF	ARR				STAFF

LATIN AMERICAN STUDIES PROGRAM

DEPARTMENT OFFICE 253 1208 W. CALIFORNIA

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

STUDENTS WHO ELECT LATIN AMERICAN STUDIES AS A MINOR SHALL BE REQUIRED TO:

1. COMPLETE SIX SEMESTERS OR EQUIVALENT OF COLLEGE SPANISH OR PORTUGUESE. IF A STUDENT WISHES TO TAKE BOTH SPANISH AND PORTUGUESE HE MAY TAKE TWO YEARS OF EACH TO SATISFY THIS REQUIREMENT. IN THE CASE OF WELL-QUALIFIED STUDENTS THE LANGUAGE REQUIREMENT MAY BE MODIFIED.
2. COMPLETE AT LEAST TWENTY SEMESTER HOURS FROM THE COURSES LISTED BELOW, INCLUDING LATIN AMERICAN STUDIES 201, CHOSEN FROM AMONG FOUR DEPARTMENTS. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE LATIN AMERICAN STUDIES PROGRAM MAY NOT BE INCLUDED WITHIN THIS TWENTY HOURS.

ANTH	261, 332, 333, 349	MUSIC	336
	350, 352, 361, 380	POL S	342, 343
ART	318	PORT	301, 303, 304
ECON	352	LA ST	195, 201
GEOG	331, 332	SOC	373
HIST	275, 276, 377, 378	SPAN	222, 231, 242, 307
	379		308, 310, 332

GRADUATE MINOR IN LATIN AMERICAN STUDIES

CANDIDATES FOR THE MASTERS DEGREE MUST ELECT A MINIMUM OF TWO UNITS FOR A MINOR IN THIS PROGRAM. DOCTORAL CANDIDATES WHO ELECT LATIN AMERICAN STUDIES AS A SOLE MINOR MUST EARN A MINIMUM OF FOUR UNITS OF CREDIT IN APPROVED COURSES, FOR A SPLIT MINOR, AT LEAST TWO UNITS OF CREDIT MUST BE EARNED. THE COURSES FOR ALL GRADUATE MINORS IN LATIN AMERICAN STUDIES MUST BE TAKEN IN AT LEAST TWO DEPARTMENTS. COURSES IN THE FOLLOWING LIST MAY BE INCLUDED IN THE GRADUATE MINOR:

AG EC	401	MUSIC	336
AGRON	429	POL S	342, 343, 441, 442, 493
ANTH	332, 333, 349, 350, 352,	PORT	301, 303, 304, 405, 406
	361, 380, 490		491
ART	318, 491	SOC	373, 490
BOT	300	SPAN	307, 308, 310, 431, 432,
ECON	352, 451, 490		433, 434, 435, 436, 437,
GEOG	331, 332, 495		438, 439, 452, 491
HIST	275, 276, 377, 378, 461		

STUDENTS IN OTHER COLLEGES

STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF LATIN AMERICAN AFFAIRS, CULTURE, AND LANGUAGES ARE INVITED TO CONSULT WITH MEMBERS OF THE TEACHING STAFF OF THE LATIN AMERICAN STUDIES PROGRAM, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH A PROGRAM MAY OFTEN BE ADOPTED AS A SPECIAL MINOR UNDER EXISTING REGULATIONS IF THE STUDENT SO DESIRES. IT IS RECOGNIZED THAT THE NUMBER OF EFFECTIVE HOURS AVAILABLE FOR SUCH SPECIAL AREA STUDIES VARIES AMONG MANY OF THE EIGHT- AND TEN-SEMESTER PROGRAMS IN THE UNIVERSITY, BUT MOST STUDENTS WISHING TO INCREASE THEIR PROFICIENCY IN LATIN AMERICAN AFFAIRS CAN DO SO WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF PARTICULAR VALUE TO STUDENTS WHO INTEND TO CARRY ON TECHNICAL OR PROFESSIONAL WORK IN THE LATIN AMERICAN AREA FOR THE GOVERNMENT, PRIVATE BUSINESS, PUBLICATIONS, OR RELIGIOUS ORGANIZATIONS.

COURSES FOR ADVANCED UNDERGRADUATES

L A ST 201 CONFLICT IN LATIN AMERICA.

PREREQUISITE: A BASIC COURSE IN A SOCIAL SCIENCE DISCIPLINE.

3 HOURS

TOPIC IS RACE RELATIONS IN LATIN AMERICA.

44211	LECT-DISC	9-1030	TU TH	243	ARMORY	M SOLAUN
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LAW

DEPARTMENT OFFICE

209 LAW

COURSES FOR FIRST-YEAR LAW STUDENTS

NOTE: STUDENTS ASSIGNED TO GROUP I SHOULD TAKE SEC. A OF LAW 302, 304, 308, 334, AND 335.

STUDENTS ASSIGNED TO GROUP II SHOULD TAKE SEC. B OF LAW 302, 304, 308, 334, AND 335.

STUDENTS ASSIGNED TO GROUP III SHOULD TAKE SEC. C OF LAW 302, 304, 308, 334, AND 335.

LAW 302 CONTRACTS B.

*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.

*3 HOURS OR 1 UNIT

44229	LECT-DISC	A	8	THFS	A LAW
44237	LECT-DISC	B	9	THFS	A LAW
44245	LECT-DISC	C	10	MTUW	D LAW

LAW 304 TORTS B.

*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.

*3 HOURS OR 1 UNIT

44253	LECT-DISC	A	10	THFS	A LAW
44261	LECT-DISC	B	11	THFS	B LAW
44270	LECT-DISC	C	8	MTUW	D LAW

LAW 308 PROPERTY B.

*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.

*3 HOURS OR 1 UNIT

44288	LECT-DISC	A	9	MTUW	A LAW
44296	LECT-DISC	B	10	THFS	B LAW
44300	LECT-DISC	C	3	MTUW	D LAW

LAW	316	MOOT COURT.					
	1 HOUR						
	44318	LECT-DISC	A	1	TU		A LAW
	44326	LECT-DISC	B	1	W		A LAW
	44334	LECT-DISC	C	3	W		A LAW
	44342	LECT-DISC	D	1	TH		A LAW
	44351	LECT-DISC	E	2	TH		A LAW
	44369	LECT-DISC	F	1	F		A LAW
	44377	LECT-DISC	G	2	F		A LAW

COURSES FOR ADVANCED LAW STUDENTS

LAW	318	APPELLATE ADVOCACY B.					
	1 HOUR						
	44385	CONF	A	ARR			
LAW	322	COMMERCIAL LAW, I.					
	4 HOURS OR 1 UNIT						
	44393	LECT-DISC	A	2	M W		D LAW
	44407	LECT-DISC	B	2	MTUWTH	AUD	LAW
LAW	323	ADMINISTRATIVE LAW.					
	3 HOURS OR 1 UNIT						
	44415	LECT-DISC	A	9	THFS		D LAW
	44423	LECT-DISC	B	10	THFS		D LAW
LAW	324	CORPORATIONS.					
	3 HOURS OR 1 UNIT						
	44431	LECT-DISC	A	9	MTUW		D LAW
	44440	LECT-DISC	B	11	M W		D LAW
			B	1	TU		D LAW
LAW	330	RESTITUTION.					
	3 HOURS OR 1 UNIT						
	44458	LECT-DISC	A	8	THFS	AUD	LAW
LAW	334	CRIMINAL LAW ADMINISTRATION AND PROCEDURE.					
	2 HOURS OR 1/2 UNIT						
	THIS COURSE IS FOR FIRST YEAR LAW STUDENTS.						
	44466	LECT-DISC	A	10	MTU		A LAW
	44474	LECT-DISC	B	11	M W		B LAW
	44482	LECT-DISC	C	3	THF		D LAW
LAW	335	TRIALS AND APPEALS.					
	3 HOURS OR 1 UNIT						
	THIS COURSE IS FOR FIRST YEAR LAW STUDENTS.						
	44491	LECT-DISC	A	2	MTUW		A LAW
	44504	LECT-DISC	B	4	MTUW		B LAW
	44512	LECT-DISC	C	11	THFS		D LAW
LAW	338	INSURANCE.					
	2 HOURS OR 1/2 UNIT						
	44521	LECT-DISC	A	3	THF	AUD	LAW
LAW	339	CONFLICT OF LAWS.					
	3 HOURS OR 1 UNIT						
	44539	LECT-DISC	A	10	THFS	AUD	LAW
LAW	342	MORTGAGES.					
	3 HOURS OR 1 UNIT						
	44547	LECT-DISC	A	9	MTUW	AUD	LAW
LAW	344	CREDITORS RIGHTS.					
	3 HOURS OR 1 UNIT						
	44555	LECT-DISC	A	4	MTUW		D LAW
LAW	346	FUTURE INTERESTS.					
	3 HOURS OR 1 UNIT						
	44563	LECT-DISC	A	1	WTHF		D LAW

LAW	347	LABOR LAW, I. SAME AS L.I.R. 347. 3 HOURS OR 1 UNIT	44571	LECT-DISC	A	9	THFS	AUD	LAW
LAW	348	INTERNATIONAL LAW. 3 HOURS OR 1 UNIT	44580	LECT-DISC	A	11	THFS		C LAW
LAW	349	STATE AND LOCAL TAXATION. 2 HOURS OR 1/2 UNIT	44598	LECT-DISC	A	1-3	F		E LAW
LAW	352	TAXATION OF GRATUITOUS TRANSFERS. 2 HOURS OR 1/2 UNIT	44601	LECT-DISC	A	8	THF		D LAW
			44610	LECT-DISC	B	4	THF		D LAW
LAW	353	CORPORATION FINANCE AND SECURITIES. 2 HOURS OR 1/2 UNIT	44628	LECT-DISC	A	1-3	TH		E LAW
			44636	LECT-DISC	B	2-4	TU		E LAW
LAW	355	TRADE REGULATION. 3 HOURS OR 1 UNIT	44644	LECT-DISC	A	10	MTUW		B LAW
LAW	360	LEGAL DRAFTING AND LAW OFFICE PRACTICE. 2 HOURS	44652	LECT-DISC	A	8	M W	219	LAW
LAW	362	PRACTICE COURT. *CREDIT CONTINGENT UPON COMPLETION OF SECOND SEMESTER WORK. *1 HOUR CONTINUATION OF A FIRST SEMESTER COURSE.	44661	LECT-DISC	A	3-5	M		COURTROOM LAW
			44679	LECT-DISC	B	2-4	F		COURTROOM LAW
LAW	365	TAX PROBLEMS. 2 HOURS OR 1/2 UNIT	44687	LECT-DISC	A	11	THF		E LAW
LAW	371	SEMINAR IN SELECTED LEGAL PROBLEMS. 2 HOURS OR 1/2 UNIT	44695	LECT-DISC	A	4-6	TU	219	LAW
			44709	LECT-DISC	B	4-6	W	219	LAW
			44717	LECT-DISC	C	4-6	TH	219	LAW
			44725	LECT-DISC	D	4-6	TH		COURTROOM LAW
			44733	LECT-DISC	E	4-6	F	219	LAW
LAW	382	COMPARATIVE LAW. 3 HOURS OR 1 UNIT	44741	LECT-DISC	A	11	M W		A LAW
LAW	391	LEGAL PROBLEMS. 1 HOUR	44750	CONF	A	ARR			
LAW	392	LEGAL PROBLEMS. 1 HOUR	44768	CONF	A	ARR			
LAW	393	LEGAL PROBLEMS. 1 HOUR	44776	CONF	A	ARR			
LAW	394	LEGAL PROBLEMS. 1 HOUR	44784	CONF	A	ARR			

LAW 399 RESEARCH ON SPECIAL TOPICS.
 1 TO 4 HOURS, OR 1/2 TO 1 UNIT
 44792 CONF A ARR
 44806 CONF B ARR

COURSES FOR GRADUATES

LAW 499 THESIS RESEARCH.
 1/2 TO 3 UNITS
 44814 CONF A ARR

LIBERAL ARTS

DEPARTMENT OFFICE

294 L H

COURSES FOR UNDERGRADUATES

L A S 141 PHYSICAL SCIENCE, I.
 4 HOURS

STUDENTS MUST REGISTER IN THE LECTURE PLUS ONE DISCUSSION SECTION.
 INDEPENDENT STUDY IN THE LABORATORY (2 OR MORE HOURS PER WEEK)
 IS UNSCHEDULED.

44822	LECT		10	M W	151	P B	ROSEN AND
44831	DISC	1	8	TH	9	C A	STAFF
44849	DISC	2	10	TH	9	C A	
44857	DISC	3	3	TH	8	C A	
44865	DISC	4	1	TU	8	C A	
44873	DISC	5	9	TU	8	C A	
44881	DISC	6	10	TU	8	C A	

L A S 142 PHYSICAL SCIENCE, II.
 PREREQUISITE: L. A. S. 141.

4 HOURS
 ALL STUDENTS MUST REGISTER IN ONE LECTURE AND LAB-DISC. SECTION
 PLUS ONE DISCUSSION SECTION. SUPERVISED INDEPENDENT STUDY IN THE
 LABORATORY IS UNSCHEDULED.

44890	LECT	A	8	M W	100	M M B	
	LAB-DISC	A	8	F	100	M M B	
44903	LECT	B	12	M W	100	M M B	
	LAB-DISC	B	12	F	100	M M B	
44911	LECT	C	3	M W	100	M M B	
	LAB-DISC	C	3	F	100	M M B	
44920	DISC	1	11	TH	8	C A	
44938	DISC	2	3	TH	9	C A	
44946	DISC	3	4	TH	8	C A	
44954	DISC	4	9	TH	9	C A	
44962	DISC	5	11	TH	9	C A	
44971	DISC	6	1	TH	9	C A	
44989	DISC	7	2	TH	9	C A	
44997	DISC	8	4	TH	9	C A	
45003	DISC	9	9	TU	9	C A	
45011	DISC	10	10	TU	9	C A	
45020	DISC	11	1	TH	8	C A	
45038	DISC	12	3	TU	9	C A	
45046	DISC	13	9	TH	8	C A	
45054	DISC	14	2	TH	8	C A	
45062	DISC	15	11	TU	9	C A	
45071	DISC	16	12	TU	9	C A	
45089	DISC	17	2	TU	9	C A	
45097	DISC	18	1	TU	9	C A	
45101	DISC	19	11	TU	8	C A	
45119	DISC	20	10	TH	8	C A	
45127	DISC	21	12	TH	9	C A	
45135	DISC	22	12	TH	8	C A	
45143	DISC	23	8	TU	9	C A	
45151	DISC	24	8	TU	9	C A	
45160	DISC	25	8	TH	8	C A	
45178	DISC	26	8	TH	8	C A	
45186	DISC	27	10	TH	143	ADMIN	

L A S 198 FRESHMAN SEMINAR IN PHYSICAL SCIENCE.

PREREQUISITE: L. A. S. 197.

4 HOURS

45194	CONF	E	9	M	W	F	94	COM W	ROSEN
	LAB	E	ARR						

L A S 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

TOPIC: AFRO-AMERICAN CULTURE LECTURE SERIES--"THE BLACK WORLD: PRESPECTIVES". 1 HOUR

86420	CONF		*ARR						
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LIBERAL ARTS (STUDY ABROAD)

COURSES FOR ADVANCED UNDERGRADUATES

L A S 299 LAS STUDY ABROAD.

PREREQUISITE: PERMISSION OF THE STUDENT'S MAJOR DEPARTMENT AND THE COLLEGE OFFICE.

*FINAL DETERMINATION OF APPROPRIATE CREDIT WILL BE MADE UPON THE STUDENT'S COMPLETION OF THE WORK. THE COURSE MAY BE REPEATED TO A MAXIMUM OF 30 SEMESTER HOURS PER ACADEMIC YEAR OR TO A TOTAL OF 36 SEMESTER HOURS, ALL OF WHICH MUST BE EARNED WITHIN ONE CALENDAR YEAR.

0 TO 15 HOURS

45208	CONF		ARR						
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LIBRARY SCIENCE

DEPARTMENT OFFICE

331 LIB

COURSES FOR UNDERGRADUATES

LIB S 195 INTRODUCTION TO LIBRARY USE.

INTENDED FOR FRESHMEN AND SOPHOMORES; NOT TO BE COUNTED TOWARD THE UNDERGRADUATE MINOR IN LIBRARY SCIENCE. NOT FOR STUDENTS IN THE GRADUATE SCHOOL OF LIBRARY SCIENCE.

3 HOURS

45216	LECT-DISC	A	7-830PM	TU	TH	314	LIB	LORENZ
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LIB S 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

45224	CONF		11		TH	66	LIB	
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COURSES FOR ADVANCED UNDERGRADUATES

LIB S 201 INTRODUCTION TO REFERENCE SERVICE.

PREREQUISITE: 60 HOURS OF ACADEMIC WORK.

3 HOURS

45232	LECT-DISC		10-1130	M	W	314	LIB	THOMASSEN
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LIB S 204 DEVELOPMENT AND OPERATION OF LIBRARIES.

PREREQUISITE: 60 HOURS OF ACADEMIC WORK.

3 HOURS

*STUDENTS WILL BE REQUIRED TO MEET ALL AFTERNOON ON APPROXIMATELY FOUR TUESDAYS DURING THE SEMESTER.

45241	LECT		8	M	W	314	LIB	KRUMMEL
45259	LAB	A	1-3	TU		309	LIB	MACHULA
45267	LAB	B	3-5	TU		309	LIB	MACHULA

LIR S 255 ORGANIZATION OF LIBRARY MATERIALS.
 PREREQUISITE: JUNIOR STANDING (60 HOURS OF ACADEMIC WORK).
 3 HOURS
 45275 LECT-DISC 8-930 TU TH 314 LIB MULLENDORE

LIR S 258 SELECTION OF LIBRARY MATERIALS.
 PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
 3 HOURS
 45283 LECT-DISC 1-230 M W 128 LIB CROWE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LIR S 303 LIBRARY MATERIALS FOR CHILDREN.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A LIMITED TO GRAD STUDENTS, OR BY CONSENT OF INSTRUCTOR.
 45291 LECT-DISC A 9 M W F 314 LIB LOHRER
 45321 LECT-DISC *B 11-1230 M W 128 LIB LADLEY
 45305 LECT-DISC C 4-530 M W 128 LIB CROWE
 45313 LECT-DISC D 630-930PM W 314 LIB SCHULTZ

LIR S 309 AUDIO-VISUAL SERVICES IN LIBRARIES.
 PREREQUISITE: JUNIOR STANDING.
 A TWO-DAY FIELD TRIP IS REQUIRED; ESTIMATED EXPENSES \$25.00
 3 HOURS OR 1 UNIT
 45330 LECT-DISC 4-530 M W 314 LIB THOMASSEN

LIR S 309 STORYTELLING.
 PREREQUISITE: LIB. S. 303 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 45348 LECT-DISC 3-5 TU 314 LIB LADLEY
 1 F 314 LIB

LIR S 310 TYPOGRAPHIC DISCIPLINES OF THE BOOK.
 SAME AS ENGL. 392 AND JOURN. 310.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 45356 LECT-DISC APR CHAPDU

LIR S 354 AUDIO-VISUAL COMMUNICATION.
 SAME AS EL. ED. AND SE. ED. 354.
 PREREQUISITE: SENIOR OR GRADUATE STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT
 45364 LECT-DISC 4-6 TU 1 EDUC ISAACS
 45372 LAB A 4-6 W 25 EDUC ISAACS
 45381 LAB B 4-6 TH 28 EDUC ISAACS

COURSES FOR GRADUATES

LIR S 402 STUDIES IN READING.
 1 UNIT
 45399 LECT-DISC 4-6 TU 328B LIB LOHRER

LIR S 405 LIBRARY ADMINISTRATION.
 PREREQUISITE: LIB. S. 204, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 45402 LECT-DISC 1-3 TU 314 LIB SCHLIPF
 45411 DISC A 3 W 309 LIB SCHLIPF
 45429 DISC B 1 F 309 LIB SCHLIPF

LIR S 406 LIBRARY SERVICE TO CHILDREN AND YOUNG ADULTS.
 PREREQUISITE: LIB. S. 204 OR 405.
 A TWO-DAY FIELD TRIP IS REQUIRED; ESTIMATED EXPENSES \$25.00.
 1 UNIT
 45437 LECT-DISC 4-6 M 328B LIB LOHRER

LIR S 407 CATALOGING AND CLASSIFICATION, I.
 PREREQUISITE: LIB. S. 255, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 45445 LECT-DISC 10-12 TU 314 LIB HENDERSON

LIB S 408	CATALOGING AND CLASSIFICATION, II.					
	PREREQUISITE: LIB. S. 407.					
	1 UNIT					
45453	LECT-DISC	3-5	M	309	LIB	HENDERSON
LIB S 411	REFERENCE SERVICE IN THE HUMANITIES AND SOCIAL SCIENCES.					
	PREREQUISITE: LIB. S. 201, OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
45461	LECT-DISC	9-11	M	128	LIB	LINDERMAN
		9	W	128	LIB	
LIB S 415	LIBRARY MECHANIZATION AND AUTOMATION.					
	PREREQUISITE: EITHER (1) LIB. S. 201, 204, 255 AND 258, OR (2) CONSENT OF INSTRUCTOR.					
	1 UNIT					
45476	LECT-DISC	8	M	66	LIB	
LIB S 424	GOVERNMENT PUBLICATIONS.					
	PREREQUISITE: LIB. S. 411 OR 412, OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
45488	LECT-DISC	11	M	429	LIB	SCHLIPF
LIB S 428	LIBRARY BUILDINGS.					
	PREREQUISITE: LIB. S. 405 OR CONSENT OF INSTRUCTOR.					
	A TWO-DAY FIELD TRIP IS REQUIRED; ESTIMATED EXPENSES \$25.00.					
	1 UNIT					
45496	LECT-DISC	2-4	M	328B	LIB	ALLEN
LIB S 429	INFORMATION STORAGE AND RETRIEVAL.					
	PREREQUISITE: CONSENT OF INSTRUCTOR.					
	1 UNIT					
45500	LECT-DISC	1-3	W	309	LIB	LANCASTER
LIB S 430	ADVANCED REFERENCE.					
	PREREQUISITE: LIB. S. 424 OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
45518	LECT-DISC	9-11	F	328B	LIB	ALLEN
LIB S 432	BOOKS AND LIBRARIES SINCE THE RENAISSANCE.					
	SAME AS COMM. 432.					
	1 UNIT					
45526	LECT-DISC	11-1230	M	328B	LIB	KRUMMEL
LIB S 433	ADVANCED SUBJECT BIBLIOGRAPHY.					
	PREREQUISITE: CONSENT OF INSTRUCTOR.					
	*STUDENTS MAY ACCUMULATE 1 UNIT.					
	*1/2 UNIT					
45534	LECT-DISC	C	ARR			POWER
45542	LECT-DISC	G	ARR			HESS
45551	LECT-DISC	K	ARR			MILLER
LIB S 434	LIBRARY SYSTEMS.					
	PREREQUISITE: LIB. S. 405 OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
45569	LECT-DISC	8-10	TU	328B	LIB	CROWLEY
LIB S 442	SEMINAR IN LIBRARY MATERIALS FOR CHILDREN AND YOUNG ADULTS.					
	PREREQUISITE: LIB. S. 303 OR 304, AND ED. PSY. 211, OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
45577	LECT-DISC	2-4	M	314	LIB	LADLEY
LIB S 443	CONTEMPORARY BOOK PUBLISHING.					
	1 UNIT					
45585	LECT-DISC	10-12	TU	128	LIB	ALLEN

COURSES FOR ADVANCED GRADUATES

LIR S 450 ADVANCED PROBLEMS IN LIBRARIANSHIP.
 PREREQUISITE: A FIFTH-YEAR DEGREE IN LIBRARY SCIENCE, CONSENT OF DIRECTOR.
 1/2 TO 2 UNITS
 45607 LECT-DISC B 1-3 F 328B LIB LANCASTER
 45593 LECT-DISC C 9-11 W 328B LIB
 45615 CONF J APR STAFF

LIR S 460 SPECIAL TOPICS IN LIBRARIANSHIP.
 STUDENTS MAY ENROLL IN A MAXIMUM OF TWO SECTIONS, CONCURRENTLY OR CONSECUTIVELY. OPEN TO DOCTORAL STUDENTS ONLY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 45623 CONF F ARR KRUMMEL

LIR S 468 TEACHING METHODS AND SPECIAL PROBLEMS IN CONTEMPORARY LIBRARY SCHOOLS.
 PREREQUISITE: LIR. S. 462 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 45631 LECT-DISC 2-4 TU 328B LIB LINDERMAN

LIR S 469 PRINCIPLES OF RESEARCH METHODS.
 PREREQUISITE: KNOWLEDGE OF THE PRINCIPLES OF STATISTICS, MASTER OF SCIENCE IN LIBRARY SCIENCE OR CONSENT OF INSTRUCTOR.
 1 UNIT
 45640 LECT-DISC ARR KRONUS

LIR S 499 499 THESIS RESEARCH.
 *MS CANDIDATES: 0 TO 2 UNITS. DOCTORAL CANDIDATES: 0 TO 4 UNITS.
 *0 TO 4 UNITS
 45658 CONF ARR STAFF

LINGUISTICS

DEPARTMENT OFFICE 309H D H

COURSES FOR UNDERGRADUATES

LING 198 FRESHMAN SEMINAR.
 PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
 3 HOURS
 45666 LECT-DISC 4 M W F 3120 D H YEGERLEHNER

LING 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION B TOPIC IS SWAHILI.
 45674 LECT-DISC B 4 MTU THF 313 D H KIM

COURSES FOR ADVANCED UNDERGRADUATES

LING 200 ELEMENTS OF LINGUISTICS.
 PREREQUISITE: ONE YEAR, OR EQUIVALENT, OF A FOREIGN LANGUAGE.
 3 HOURS
 45582 LECT-DISC 3 M W F 8 C A J. GEIS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LING 300 INTRODUCTION TO LINGUISTICS.
 SAME AS ANTH. 300.
 PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
 3 HOURS OR 1/2 UNIT
 45691 LECT-DISC A 1 M W F 221 G H MURGAN
 45704 LECT-DISC B 2 M W F 4 G H KENSTOWICZ

LING	301	INTRODUCTION TO GENERAL PHONETICS. 3 HOURS OR 1/2 UNIT							
	45712	LECT-DISC	10	M	W	F	221	G H	CHENG
LING	302	COMPARATIVE LINGUISTICS. PREREQUISITE: FULFILLMENT OF FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR THE EQUIVALENT. 3 HOURS OR 1/2 UNIT							
	45721	LECT-DISC	9	M	W	F	152	C A	KAHANE
LING	303	NON-WESTERN LINGUISTIC STRUCTURES. MAY BE REPEATED FOR CREDIT UPON CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT *SECTION A CONCERNS IRANIAN. *SECTION C CONCERNS SWAHILI. OPEN TO THOSE WHO HAVE AT LEAST ONE YEAR OF SWAHILI. *SECTION G CONCERNS JAPANESE. *SECTION J CONCERNS HITTITE. SECTION K CONCERNS CHINESE.							
	45747	LECT-DISC *A	1	M	W	F	311	D H	MILLER
	45755	LECT-DISC *C	10	M	W	F	312	D H	KIM
	45763	LECT-DISC *G	1030-12	TU	TH		136	ARMORY	MAKINO
	45771	LECT-DISC *J	4-6	TU			312	D H	ZGUSTA
	45739	LECT-DISC K	ARR						CHENG
LING	305	INTRODUCTION TO APPLIED LINGUISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT							
	45780	LECT-DISC	9	M	W	F	312	D H	BOUTON
LING	317	LANGUAGES OF THE WORLD. SAME AS ANTH. 317. PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
	45798	LECT-DISC	3	M	W	F	4	G H	YEGERLEHNER
LING	320	INTRODUCTION TO AFRICAN LINGUISTICS. PREREQUISITE: LING. 200 OR 300, AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	45901	LECT-DISC	2	M	W	F	170	L H	STAHLKE
LING	330	INTRODUCTION TO FAR EASTERN LINGUISTICS. SAME AS CHIN., JAPAN. AND KOREAN 330. PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	45810	LECT-DISC	ARR						STAFF
LING	340	HISTORY OF LINGUISTICS. PREREQUISITE: LING. 300 OR EQUIVALENT. 3 HOURS OR 1 UNIT							
	45928	LECT-DISC	7-830PM	TU	TH		312	D H	STAFF
LING	351	AREA LINGUISTICS. PREREQUISITE: LING. 300. 3 HOURS OR 1 UNIT							
	45936	LECT-DISC	11	M	W	F	209H	D H	LEHMAN
LING	360	INTRODUCTION TO SOUTH ASIAN LINGUISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	45944	LECT-DISC	11-1230	TU	TH		312	D H	Y. KACHRU
LING	367	INTRODUCTION TO GERMANIC LINGUISTICS. SAME AS GMC. 367. PREREQUISITE: COMPLETION OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. SOME KNOWLEDGE OF GERMAN DESIRABLE. 2 HOURS OR 1/2 UNIT							
	45852	LECT-DISC B	9	TU	TH		216	L H	ANTONSEN
LING	370	LANGUAGE, CULTURE, AND SOCIETY. SAME AS COMM. AND ANTH. 370. 3 HOURS, OR 1/2 OR 1 UNIT							
	45861	LECT-DISC	3	M	W	F	304	L H	BRUKMAN

LING 383 INTRODUCTION TO SANSKRIT LINGUISTICS, II.
 PREREQUISITE: LING. 382.
 3 HOURS OR 1 UNIT
 45979 LECT-DISC 2 M W F 311 D H HOCK

LING 388 LINGUISTICS IN LANGUAGE LEARNING, I.
 SAME AS RHET. 388.
 PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE AND CONSENT OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT
 45887 LECT-DISC C 10 M W F 210A E B

LING 389 LINGUISTICS IN LANGUAGE LEARNING, II.
 SAME AS RHET. 389.
 PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT
 86292 LECT-DISC F 2 M W F 9 C A

COURSES FOR GRADUATES

LING 401 SYNTAX.
 PREREQUISITE: LING. 300 OR EQUIVALENT.
 1 UNIT
 45895 LECT-DISC 10 M W F 8 C A GEIS

LING 402 PHONOLOGY.
 PREREQUISITE: LING. 301 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 45909 LECT-DISC 1 M W F 312 D H KISSEBERTH
 KENSTOWICZ

LING 403 SEMINAR IN LINGUISTIC ANALYSIS.
 PREREQUISITE: LING. 401.
 *MAY BE REPEATED FOR CREDIT WITH CONSENT OF INSTRUCTOR.
 #1 UNIT
 SECTION B TOPIC: DIACHRONIC SYNTAX.
 SECTION C TOPIC: TOPICS ON SEMANTICS.
 SECTION D TOPIC: SEMINAR IN SOUTH ASIAN ENGLISH.
 SECTION E TOPIC: PHILOSOPHY OF LINGUISTICS.
 SECTION F TOPIC: SEMINAR IN COMPUTATIONAL LINGUISTICS.
 45941 LECT-DISC B 2 M W F 305 G H GREEN
 45950 LECT-DISC C 3 M W F 311 D H MORGAN
 45917 LECT-DISC D 7-830PM TU TH 311 D H MOHAN
 45925 LECT-DISC E 7-10PM W 312 D H GEIS
 45933 LECT-DISC F ARR CHENG

LING 404 PRACTICUM.
 PREREQUISITE: LING. 401 AND 402.
 1 UNIT
 45968 LECT-DISC 1-230 TU TH 311 D H KISSEBERTH
 STAFF

LING 405 SEMINAR IN STYLISTICS.
 PREREQUISITE: LING. 300 OR 305, AND CONSENT OF INSTRUCTOR.
 1 UNIT
 45976 LECT-DISC 11-1 TU 204 N L STAFF
 11 TH 204 N L

LING 407 ADVANCED TOPICS IN MATHEMATICAL LINGUISTICS.
 PREREQUISITE: LING. 307 OR EQUIVALENT.
 1 UNIT
 45994 LECT-DISC 10-1130 TU TH 300 N L SKOUSEN

LING 408 RUSSIAN PHONOLOGY.
 SAME AS RUSS. 408.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 45992 LECT-DISC BC 920-1035 TU TH 392 L H KENSTOWICZ

LING 410 ADVANCED FIELD METHODS I, LINGUISTICS.
 SAME AS ANTH. 410.
 PREREQUISITE: LING. 409 OR EQUIVALENT.
 1 UNIT
 46009 LECT-DISC B 11 M W F 312 D H STAHLKE

LING 412	RESEARCH SEMINAR IN HISTORICAL LINGUISTICS.						
	PREREQUISITE: LING. 411 OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
46017	LECT-DISC	2	TU TH	312	D H	MILLER	
LING 415	SEMINAR IN INDO-EUROPEAN LINGUISTICS.						
	1 UNIT						
46025	LECT-DISC	10	TU TH	312	D H	HOCK	
LING 419	CONTRASTIVE ANALYSIS.						
	SAME AS RHET. 419.						
	PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.						
	1/2 OR 1 UNIT						
46033	LECT-DISC C	10	M W F	252	E E B	Y. KACHRU	
LING 424	LINGUISTICS AND COMMUNICATIONS.						
	SAME AS COMM. 424.						
	1 UNIT						
46041	LECT-DISC	3-5	TU	43	G H	MACLAY	
LING 481	TOPICS IN SYNTACTIC THEORY.						
	PREREQUISITE: LING. 317 OR 387 OR 401, AND CONSENT OF INSTRUCTOR.						
	1 UNIT						
46050	LECT-DISC	7-10PM	M	312	D H	GEIS/MORGAN	
LING 490	SPECIAL TOPICS IN LINGUISTICS.						
	1/2 TO 2 UNITS						
46068	CONF	A	ARR			HOCK/GEIS	
46106	CONF	B	ARR			KISSEBERTH/KIM	
46076	CONF	C	ARR			KAHANE	
46084	CONF	D	ARR			B. KACHRU	
46092	CONF	E	ARR			STAFF	
LING 499	THESIS RESEARCH.						
	0 TO 4 UNITS						
46131	CONF	A	ARR			HOCK/GEIS	
46149	CONF	B	ARR			KISSEBERTH/KIM	
46157	CONF	C	ARR			KAHANE	
46114	CONF	D	ARR			B. KACHRU	
46122	CONF	E	ARR			STAFF	

MATHEMATICS

DEPARTMENT OFFICE

273 A H

MAJOR IN MATHEMATICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND TWELVE HOURS IN COURSES CHOSEN FROM MATHEMATICS 314, 317, 318, 327, 328, 332, 333, 342, 347, 348, 349, 353, 354, 361, 364, 366, 387, 392. FOR STUDENTS PREPARING FOR GRADUATE STUDY IN MATHEMATICS, THE FOLLOWING COURSES ARE RECOMMENDED: MATHEMATICS 317, 318, 332, 347, 348. STUDENTS IN SPECIAL CURRICULA AND THOSE WHO DO NOT INTEND TO PURSUE MATHEMATICS PROFESSIONALLY SHOULD CONSULT WITH THEIR ADVISORS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ACCOUNTANCY, ASTRONOMY, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS, FINANCE, PHILOSOPHY, PHYSICS, PSYCHOLOGY, STATISTICS (MATHEMATICS 161, 361, 362, 363, 364, 375), SURVEYING, THEORETICAL AND APPLIED MECHANICS. DEPARTMENTAL HONORS: ENTERING STUDENTS WITH SUPERIOR MATHEMATICAL ABILITY SHOULD APPLY TO THE DEPARTMENT OF MATHEMATICS, 273 ALTGELD HALL, FOR INFORMATION REGARDING THE HONORS COURSE, MATHEMATICS 149. INFORMATION REGARDING REQUIREMENTS FOR GRADUATION WITH DISTINCTION IN MATHEMATICS IS AVAILABLE FROM THE ADVISING OFFICE, 269 ALTGELD HALL.

NOTE: AN ENTERING STUDENT WITH AN ADEQUATE PREPARATION IN HIGH SCHOOL MATHEMATICS SHOULD ENROLL IN ANALYTIC GEOMETRY (MATH. 122 OR 123) DURING THE FIRST SEMESTER, AND IN CALCULUS (MATH. 132 OR 133) DURING THE SECOND SEMESTER OF HIS FRESHMAN YEAR. ADMISSION TO ANALYTIC GEOMETRY NORMALLY REQUIRES A PASSING GRADE ON THE MATHEMATICS PLACEMENT TEST. A STUDENT INELIGIBLE FOR ANALYTIC GEOMETRY SHOULD ENROLL IN ALGEBRA (MATH. 111 OR 112) AND TRIGONOMETRY (MATH. 114) DURING HIS FIRST SEMESTER.

STUDENTS IN SPECIAL CURRICULA AND THOSE WHO INTEND TO TERMINATE THEIR STUDY OF MATHEMATICS WITH THE BACHELOR'S DEGREE SHOULD CONSULT THEIR ADVISERS REGARDING OTHER SELECTIONS FROM THE ABOVE LIST OF REQUIRED COURSES THAT WOULD RELATE TO THEIR SPECIAL INTERESTS.

MAJOR IN STATISTICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING FIFTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND THE FOLLOWING SPECIFIC COURSES: 315 OR 318, 347, 363, 364.

MINORS: TWENTY HOURS IN ONE SUBJECT APPROVED BY THE DEPARTMENT OF MATHEMATICS. OF THESE TWENTY HOURS NOT MORE THAN NINE MAY BE IN STATISTICAL METHODS, AND MATH. 161 MAY BE TAKEN AS THREE OF THESE HOURS. THE COURSES NOT EMPHASIZING STATISTICAL METHODS SHOULD BE CHOSEN SO THAT COURSES ON THE 400 LEVEL CAN BE TAKEN IF THE STUDENT ENTERS THE GRADUATE COLLEGE.

MAJOR IN ACTUARIAL SCIENCE

MAJOR: ONE YEAR OF CALCULUS AND AT LEAST FIVE COURSES CHOSEN FROM THE FOLLOWING: COMPUTER SCIENCE 101, MATHEMATICS 311, 312, 362, 363, 371, 372.

MINORS: TWENTY HOURS CHOSEN FROM THE FOLLOWING: FINANCE 258, 259, 260, 262, 270, 360, 363, 370.

NOTE: STUDENTS ARE URGED TO ELECT ACCY. 201 AND B. ADM. 261 IN THEIR JUNIOR YEAR.

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE DEPARTMENT OF MATHEMATICS UNDER THE CURRICULUM IN SCIENCES AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 123, 132, 142 (OR 133, 143), 341, 342, 317, 318, 347, 348 (OR 361).

FIRST MINOR: C. S. 101, 201, 387, AND ONE OF 294, 301, OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IT IS RECOMMENDED THAT THE ABOVE COURSES BE TAKEN IN THE FOLLOWING SEQUENCE:
FRESHMAN YEAR: FIRST SEMESTER, MATH. 123; SECOND SEMESTER, MATH. 132 (OR MATH. 133).
SOPHOMORE YEAR: FIRST SEMESTER, MATH. 142 (OR MATH. 143); SECOND SEMESTER, C. S. 101, MATH. 341.
JUNIOR YEAR: FIRST SEMESTER, MATH. 317, 342; SECOND SEMESTER, C. S. 201 OR 301, MATH. 318.
SENIOR YEAR: FIRST SEMESTER, MATH. 347, ONE OF C. S. 294, 201, 301, 311; SECOND SEMESTER, C. S. 387, MATH. 348 OR 361.

NOTE: CERTAIN MATHEMATICS COURSES HAVE BEEN RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN ORDER TO SATISFY LISTED PREREQUISITES: OLD MATH. 122 AND 123 ARE NOW MATH. 120; OLD MATH. 132 IS NOW MATH. 130 AND 135; OLD MATH. 133 IS NOW MATH. 131; OLD MATH. 142 IS NOW MATH. 140 AND 145; OLD MATH. 143 IS NOW MATH. 141.

COURSES FOR UNDERGRADUATES

MATH 101 BASIC MATHEMATICS.

4 HOURS

46165	LECT-DISC	X1	12	MTUWTHF	341	A H
46173	LECT-DISC	F1	2	MTUWTHF	259	A H

MATH 104 ELEMENTS OF ALGEBRA AND TRIGONOMETRY.

PREREQUISITE: HIGH SCHOOL ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT.

3 HOURS

46181	LECT-DISC	A1	8	M W F	102	A H
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MATH 111 ALGEBRA.

PREREQUISITE: ENTRANCE ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT. STUDENTS HAVING 1-1/2 OR MORE UNITS OF HIGH SCHOOL ALGEBRA MAY NOT TAKE THIS COURSE UNLESS THEY HAVE THE APPROVAL OF THEIR COLLEGE OFFICE.

*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.

*5 HOURS

46190	LECT-DISC	A1	8	4TUWTHF	159	D H
46203	LECT-DISC	B1	9	MTUWTHF	159	D H
46211	LECT-DISC	C1	10	MTUWTHF	159	D H
46220	LECT-DISC	D1	11	MTUWTHF	159	D H
46238	LECT-DISC	X1	12	MTUWTHF	321	A H
46246	LECT-DISC	E1	1	MTUWTHF	159	D H
46254	LECT-DISC	F1	2	MTUWTHF	159	D H
46262	LECT-DISC	G1	3	MTUWTHF	159	D H

MATH 112 COLLEGE ALGEBRA.

PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, PLANE GEOMETRY, 1 UNIT.

*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.

*3 HOURS

46271	LECT-DISC	P1	9	M W F	313	D H
46289	LECT-DISC	D1	11	M W F	313	D H
46297	LECT-DISC	X1	12	M W F	247	A H
46301	LECT-DISC	F1	2	M W F	204	H H
46319	LECT-DISC	G1	3	M W F	110	L H

MATH 114 PLANE TRIGONOMETRY.

PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, OR REGISTRATION IN MATH. 111, PLANE GEOMETRY, 1 UNIT.

2 HOURS

46327	LECT-DISC	L1	8	TU TH	102	A H
46335	LECT-DISC	M1	9	TU TH	102	A H
46343	LECT-DISC	M2	9	TU TH	108	A H
46351	LECT-DISC	N1	10	TU TH	102	A H
46360	LECT-DISC	N2	10	TU TH	108	A H
46378	LECT-DISC	P1	11	TU TH	102	A H
46386	LECT-DISC	P2	11	TU TH	108	A H
46394	LECT-DISC	P1	1	TU TH	102	A H
46403	LECT-DISC	R2	1	TU TH	108	A H
46416	LECT-DISC	S1	2	TU TH	147	A H
46424	LECT-DISC	T1	3	TU TH	102	A H
46432	LECT-DISC	U1	4	TU TH	102	A H

MATH 118 INTRODUCTION TO MATHEMATICS, I.

PREREQUISITE: ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT, OR EQUIVALENT.

*MATHEMATICS 118 INVOLVES DUPLICATION OF CREDIT WITH MATH. 104, 111, 112, AND 114.

*4 HOURS

46441	LECT-DISC	A1	8	MTUWTH	345	A H
46459	LECT-DISC	E1	1	MTUWTH	204	H H
46467	LECT-DISC	G1	3	MTUWTH	173	A H

MATH 119 INTRODUCTION TO MATHEMATICS, II.

PREREQUISITE: MATH. 118.

4 HOURS

*SECTION A1 IS FOR STUDENTS ENROLLED IN MATH. 118 SECTION B1 IN THE FALL SEMESTER.

46475	LECT-DISC	A1	8	MTUWTH	108	A H
46530	LECT-DISC	*B1	9	MTUWTH	152	ADMIN
46443	LECT-DISC	C1	10	MTUWTH	204	H H
46491	LECT-DISC	E1	1	MTUWTH	443	A H
46505	LECT-DISC	F1	2	MTUWTH	152	ADMIN
46513	LECT-DISC	G1	3	MTUWTH	204	H H
46521	LECT-DISC	H1	4	MTUWTH	321	A H

MATH 120 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 111 OR 112, AND MATH. 114, OR ADEQUATE
PLACEMENT TEST SCORE.

5 HOURS

46548	LECT-DISC	A1	8	MTUWTH	238	ADMIN
46554	LECT-DISC	A2	8	MTUWTH	110	A H
46564	LECT-DISC	B1	9	MTUWTH	56	M E B
46572	LECT-DISC	B2	9	MTUWTH	204	H H
46581	LECT-DISC	C1	10	MTUWTH	153B	M E B
46599	LECT-DISC	C2	10	MTUWTH	56	M E B
46602	LECT-DISC	D1	11	MTUWTH	173	A H
46611	LECT-DISC	D2	11	MTUWTH	202	T B
46624	LECT-DISC	X1	12	MTUWTH	257	A H
46637	LECT-DISC	X2	12	MTUWTH	447	A H
46645	LECT-DISC	E1	1	MTUWTH	163	E E B
46653	LECT-DISC	E2	1	MTUWTH	56	M E B
46661	LECT-DISC	F1	2	MTUWTH	165	A H
46670	LECT-DISC	F2	2	MTUWTH	163	E E B
46688	LECT-DISC	G1	3	MTUWTH	163	E E B
46696	LECT-DISC	H1	4	MTUWTH	445	A H
46700	LECT-DISC	H2	4	MTUWTH	447	A H

MATH 124 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, I.

PREREQUISITE: MATH. 111 OR 112.

3 HOURS

46718	LECT-DISC	A1	5	M W F	106	D K H
46726	LECT-DISC	A2	8	M W F	110	L H
46734	LECT-DISC	B1	9	M W F	106	D K H
46742	LECT-DISC	B2	9	M W F	110	L H
46751	LECT-DISC	C1	10	M W F	106	D K H
46769	LECT-DISC	C2	10	M W F	110	L H
46777	LECT-DISC	D1	11	M W F	106	D K H
46785	LECT-DISC	D2	11	M W F	110	L H
46793	LECT-DISC	X1	12	M W F	102	A H
46807	LECT-DISC	E1	1	M W F	106	D K H
46815	LECT-DISC	F1	2	M W F	106	D K H
46823	LECT-DISC	G1	3	M W F	106	D K H
46831	LECT-DISC	G2	3	M W F	184	L H
46840	LECT-DISC	H1	4	M W F	169	A H

MATH 130 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 120.

5 HOURS

*SECTIONS EA1 AND ED4 ARE HONOR SECTIONS AND REQUIRE CONCURRENT
REGISTRATION IN MATH. 149, SECTION EQ.

47314	LECT-DISC	*EA1	8	MTUWTH	145	A H
46858	LECT-DISC	A2	8	MTUWTH	143	ADMIN
46866	LECT-DISC	A3	8	MTUWTH	163	E E B
46874	LECT-DISC	A4	9	MTUWTH	60	M E B
46882	LECT-DISC	A5	8	MTUWTH	321	A H
46891	LECT-DISC	A6	8	MTUWTH	443	A H
46904	LECT-DISC	A7	8	MTUWTH	149	ADMIN
46912	LECT-DISC	B1	9	MTUWTH	256	M E B
46921	LECT-DISC	B2	9	MTUWTH	260	M E B
46939	LECT-DISC	B3	9	MTUWTH	205	H H
46947	LECT-DISC	B4	9	MTUWTH	169	A H
46955	LECT-DISC	B5	9	MTUWTH	155	ADMIN
46963	LECT-DISC	B6	9	MTUWTH	60	M E B
46971	LECT-DISC	C1	10	MTUWTH	259	A H
46980	LECT-DISC	C2	10	MTUWTH	205	H H
46998	LECT-DISC	C3	10	MTUWTH	152	ADMIN
47004	LECT-DISC	C4	10	MTUWTH	168	E E B
47012	LECT-DISC	C5	10	MTUWTH	256	M E B
47021	LECT-DISC	C6	10	MTUWTH	260	M E B

APPEL

MATH 13C CONTINUED

47039	LECT-DISC	D1	11	MTUWTH	204	H H
47047	LECT-DISC	D2	11	MTUWTH	56	M E B
47055	LECT-DISC	D3	11	MTUWTH	60	M F A
47322	LECT-DISC	*D4	11	MTUWTH	447	A H
47363	LECT-DISC	D5	11	MTUWTH	184	L H
47071	LECT-DISC	D6	11	MTUWTH	347	A H
47080	LECT-DISC	X1	12	MTUWTH	110	A H
47098	LECT-DISC	X2	12	MTUWTH	145	A H
47101	LECT-DISC	X3	12	MTUWTH	147	A H
47110	LECT-DISC	X4	12	MTUWTH	443	A H
47128	LECT-DISC	X5	12	MTUWTH	445	A H
47136	LECT-DISC	F1	1	MTUWTH	259	A H
47144	LECT-DISC	F2	1	MTUWTH	184	L H
47152	LECT-DISC	F3	1	MTUWTH	60	M E B
47161	LECT-DISC	F4	1	MTUWTH	205	H H
47179	LECT-DISC	F5	1	MTUWTH	256	M E B
47187	LECT-DISC	F1	2	MTUWTH	169	A H
47195	LECT-DISC	F2	2	MTUWTH	60	M E B
47209	LECT-DISC	F3	2	MTUWTH	138	M E A
47217	LECT-DISC	F4	2	MTUWTH	168	E E B
47225	LECT-DISC	F5	2	MTUWTH	56	M E B
47233	LECT-DISC	G1	3	MTUWTH	168	E E B
47241	LECT-DISC	G2	3	MTUWTH	205	H H
47250	LECT-DISC	G3	3	MTUWTH	56	M E B
47268	LECT-DISC	G4	3	MTUWTH	60	M E B
47276	LECT-DISC	H1	4	MTUWTH	147	A H
47284	LECT-DISC	H2	4	MTUWTH	155	A H
47292	LECT-DISC	H3	4	MTUWTH	441	A H
47306	LECT-DISC	H4	4	MTUWTH	443	A H

MATH 131 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 120.

3 HOURS

*SECTION 8A1 IS AN HONORS SECTION REQUIRING CONCURRENT REGISTRATION IN MATH. 149, SECTION 8P.

47524	LECT-DISC	*8A1	8	M W F	259	A H	STOLARSKY
47331	LECT-DISC	A2	4	M W F	173	A H	
47349	LECT-DISC	A3	8	M W F	447	A H	
47357	LECT-DISC	A4	8	M W F	341	A H	
47365	LECT-DISC	A5	8	M W F	147	A H	
47373	LECT-DISC	B1	9	M W F	163	E E B	
47381	LECT-DISC	B2	9	M W F	138	M E B	
47390	LECT-DISC	B3	9	M W F	173	A H	
47403	LECT-DISC	C1	10	M W F	245	E E B	
47411	LECT-DISC	C2	10	M W F	60	M E B	
47420	LECT-DISC	C3	10	M W F	202	T B	
47438	LECT-DISC	D1	11	M W F	343	A H	
47446	LECT-DISC	D2	11	M W F	205	H H	
47454	LECT-DISC	D3	11	M W F	153A	M E B	
47462	LECT-DISC	D4	11	M W F	153B	M E B	
47471	LECT-DISC	X1	12	M W F	155	A H	
47489	LECT-DISC	X2	12	M W F	159	A H	
47497	LECT-DISC	X3	12	M W F	347	A H	
47501	LECT-DISC	X4	12	M W F	441	A H	
47519	LECT-DISC	E1	1	M W F	313	D H	
47527	LECT-DISC	E2	1	M W F	168	E E B	
47535	LECT-DISC	E3	1	M W F	138	M E B	
47543	LECT-DISC	F1	2	M W F	313	D H	
47551	LECT-DISC	F2	2	M W F	173	A H	
47560	LECT-DISC	F3	2	M W F	245	E E B	
47578	LECT-DISC	G1	3	M W F	313	D H	
47586	LECT-DISC	G2	3	M W F	156	ADMIN	
47594	LECT-DISC	G3	3	M W F	138	M E B	
47603	LECT-DISC	H1	4	M W F	165	A H	
47616	LECT-DISC	H2	4	M W F	345	A H	

MATH 134 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, II.

PREREQUISITE: MATH. 124.

4 HOURS

47632	LECT-DISC	A1	9	MTUWTH	205	G H
47641	LECT-DISC	A2	9	MTUWTH	184	L H
47659	LECT-DISC	A3	8	MTUWTH	155	A H
47667	LECT-DISC	B1	9	MTUWTH	205	G H
47675	LECT-DISC	B2	9	MTUWTH	184	L H
47683	LECT-DISC	B3	9	MTUWTH	238	ADMIN
47691	LECT-DISC	C1	10	MTUWTH	205	G H
47705	LECT-DISC	C2	10	MTUWTH	238	ADMIN

MATH 134 CONTINUED

47713	LECT-DISC D1	11	MTUWTH	205	G H
47721	LECT-DISC D2	11	MTUWTH	238	ADMIN
47730	LECT-DISC X1	12	MTUWTH	108	A H
47748	LECT-DISC X2	12	MTUWTH	345	A H
47756	LECT-DISC F1	1	MTUWTH	205	G H
47754	LECT-DISC F2	1	MTUWTH	445	A H
47772	LECT-DISC F1	2	MTUWTH	205	G H
47781	LECT-DISC F2	2	MTUWTH	205	H H
47799	LECT-DISC G1	3	MTUWTH	205	G H
47802	LECT-DISC G2	3	MTUWTH	238	ADMIN
47811	LECT-DISC H1	4	MTUWTH	173	A H
47829	LECT-DISC H2	4	MTUWTH	159	A H

MATH 135 CALCULUS.

PREREQUISITE: STUDENTS MUST HAVE COMPLETED A THOROUGH COLLEGE LEVEL COURSE IN PLANE AND SOLID ANALYTIC GEOMETRY, OR THE EQUIVALENT.

5 HOURS

47837	LECT-DISC A1	8	MTUWTH	159	A H
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MATH 140 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 130.

3 HOURS

47845	LECT-DISC A1	8	M W F	343	A H
47853	LECT-DISC B1	9	M W F	168	E E B
47861	LECT-DISC C1	10	M W F	313	D H
47870	LECT-DISC D1	11	M W F	138	M E B
47898	LECT-DISC F1	1	M W F	245	E E B
47896	LECT-DISC G1	3	M W F	153A	M E B
47900	LECT-DISC H1	4	M W F	341	A H

MATH 141 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 131.

5 HOURS

47918	LECT-DISC A1	8	MTUWTH	165	A H
47926	LECT-DISC X1	12	MTUWTH	343	A H
47934	LECT-DISC E1	1	MTUWTH	153A	M E B

MATH 145 CALCULUS.

PREREQUISITE: MATH. 135.

5 HOURS

*SECTIONS &A1, &D1, AND &F2 ARE HONORS SECTIONS AND REQUIRE CONCURRENT REGISTRATION IN MATH. 149 SECTION &S.

48123	LECT-DISC *&A1	8	MTUWTH	257	A H
47942	LECT-DISC A2	8	MTUWTH	445	A H
47951	LECT-DISC B1	9	MTUWTH	202	T B
48051	LECT-DISC A3	8	MTUWTH	169	A H
48069	LECT-DISC A4	8	MTUWTH	152	ADMIN
47969	LECT-DISC C1	10	MTUWTH	153A	M E B
48077	LECT-DISC C2	10	MTUWTH	147	A H
48131	LECT-DISC *&D1	11	MTUWTH	447	A H
47977	LECT-DISC D2	11	MTUWTH	256	M E B
48085	LECT-DISC D3	11	MTUWTH	260	M E B
47985	LECT-DISC X1	12	MTUWTH	169	A H
48093	LECT-DISC X2	12	MTUWTH	165	A H
47993	LECT-DISC F1	1	MTUWTH	153B	M E B
48107	LECT-DISC F2	1	MTUWTH	345	A H
48000	LECT-DISC F1	2	MTUWTH	184	L H
48115	LECT-DISC *&F2	2	MTUWTH	445	A H
48018	LECT-DISC G1	3	MTUWTH	153B	M E B
48123	LECT-DISC G2	3	MTUWTH	152	ADMIN
48026	LECT-DISC H1	4	MTUWTH	343	A H
48115	LECT-DISC H2	4	MTUWTH	347	A H

FAUDREE

ROTHMAN

MATH 149 HONORS COURSE IN MATHEMATICS.

ENROLLMENT LIMITED TO STUDENTS WITH SUPERIOR MATHEMATICAL TALENTS. PREREQUISITE: REGISTRATION IN AN HONORS SECTION OF MATH. 120, 130, 131, 140, OR 141; CONSENT OF THE DEPARTMENT.

1 HOUR

*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 130, &C1 OR &F1.

*SECTION &R REQUIRES CONCURRENT REGISTRATION IN MATH. 131 &A1.

*SECTION &S REQUIRES CONCURRENT REGISTRATION IN MATH. 145 &A1, &D1 OR &F2.

48140	LECT-DISC *&Q	ARR
48158	LECT-DISC *&R	ARR
48166	LECT-DISC *&S	ARR

MATH 161 STATISTICS.

PREREQUISITE: MATH. 111 OR 112, SOME MORE STANDING.

*CREDIT IS NOT GIVEN FOR MATH. 161 IN ADDITION TO ECON. 171 OR PSYCH. 135.

*3 HOURS

STUDENTS WHO HAVE COMPLETED A YEAR OF CALCULUS SHOULD ENROLL IN MATH 363 INSTEAD OF MATH 161.

49174	LECT-DISC	C1	10	M	W	F	184	L	H	STOUT
49182	LECT-DISC	G1	3	M	W	F	245	E	E	B

MATH 198 FRESHMAN SEMINAR.

PREREQUISITE: ENROLLMENT IN THE MATHEMATICS HONORS PROGRAM AND CONSENT OF DEPARTMENT.

*3 HOURS

49191	LECT-DISC	C1	10	M	W	F	447	A	H	WETZEL
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MATH 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

48704	CONF		ARR							
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COURSES FOR ADVANCED UNDERGRADUATES

MATH 202 MATHEMATICS FOR ELEMENTARY TEACHERS, I.

PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION.

*NO CREDIT FOR L. A. AND S. STUDENTS.

*5 HOURS

48212	LECT-DISC	E1	1	M	T	W	T	H	F	110	L	H
48221	LECT-DISC	F1	2	M	T	W	T	H	F	110	L	H

MATH 203 MATHEMATICS FOR ELEMENTARY TEACHERS, II.

PREREQUISITE: MATH. 202 OR CONSENT OF INSTRUCTOR.

*NO CREDIT FOR L. A. AND S. STUDENTS.

*3 HOURS

48239	LECT-DISC	F1	1	M	W	F	238	ADMIN
48247	LECT-DISC	E2	1	M	W	F	143	ADMIN
48255	LECT-DISC	F1	2	M	W	F	238	ADMIN
48263	LECT-DISC	H1	4	M	W	F	156	ADMIN

MATH 249 HONORS COURSE IN MATHEMATICS.

PREREQUISITE: CONCURRENT REGISTRATION IN DESIGNATED HONORS SECTIONS OF CERTAIN ADVANCED UNDERGRADUATE MATHEMATICS COURSES.

1 HOUR

*SECTION 6P REQUIRES CONCURRENT REGISTRATION IN MATH. 347 6D1.

*SECTION 6Q REQUIRES CONCURRENT REGISTRATION IN MATH. 349 6E1.

*SECTION 6R1 REQUIRES CONCURRENT REGISTRATION IN MATH. 317 6F1.

48271	LECT-DISC	*6P	ARR
48280	LECT-DISC	*6Q	ARR
48298	LECT-DISC	*6R	ARR

MATH 263 STATISTICS IN ENGINEERING AND THE PHYSICAL SCIENCES.

PREREQUISITE: MATH. 140 JR 141 OR 145 OR EQUIVALENT.

*3 HOURS

48301	LECT-DISC	B1	9	M	W	F	153A	M	E	B
48310	LECT-DISC	C1	10	M	W	F	138	M	E	B
48328	LECT-DISC	E1	1	M	W	F	173	A	H	

MATH 287 INTRODUCTION TO NUMERICAL ANALYSIS.

SAME AS C. S. 287.

PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, CONSENT OF INSTRUCTOR.

*3 HOURS

49336	LECT-DISC	C1	10	M	W	F	314	A	H	WATANABE
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MATH 292 THESIS AND READING COURSE.

PREREQUISITE: MATH. 347 WITH GRADE OF B OR BETTER, OR CONSENT OF MATHEMATICS HONORS COMMITTEE.

*2 HOURS

48344	CONF		ARR
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MATH 299 INTERMEDIATE SEMINAR.

PREREQUISITE: ENROLLMENT IN MATHEMATICS HONORS PROGRAM AND CONSENT OF THE DEPARTMENT.

*3 HOURS

48352	LECT-DISC	C1	10	M	W	F	443	A	H	DIAMOND
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MATH	300	THE THEORY OF SETS AND THE REAL NUMBER SYSTEM. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	44361	LECT-DISC G1	3		M W F	341	A H		BOONE
MATH	301	FUNDAMENTAL CONCEPTS OF ALGEBRA. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT *SECTION 01 CONSIDERS MODERN APPLIED ALGEBRA.							
	48779	LECT-DISC *D1	11		M W F	156	ADMIN		HOHN
MATH	302	TOPICS IN GEOMETRY. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	48387	LECT-DISC A1	9		M W F	241	A H		
	48395	LECT-DISC C1	10		M W F	341	A H		
	48400	LECT-DISC C2	10		M W F	445	A H		
MATH	303	ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	43417	LECT-DISC B1	9		M W F	102	A H		
	43425	LECT-DISC D1	11		M W F	108	A H		
MATH	305	TEACHERS COURSE. MEETS FIRST SIX WEEKS AND LAST FOUR WEEKS OF SEMESTER. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
	48433	LECT-DISC D1	11		MTWTF	143	ADMIN		
	48441	LECT-DISC E1	1		M W F	347	A H		
MATH	306	SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, I. PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
	48450	LECT-DISC B1	9		M W F	447	A H		PECK
	48458	LECT-DISC D1	11		M W F	145	A H		VAUGHAN
MATH	307	SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, II. PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT							
	48476	LECT-DISC K1	730-9PM		TU TH	241	A H		
MATH	312	ADVANCED ALGEBRA. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT *SECTION 31 CONSIDERS THEORY OF INTEREST.							
	86446	LECT-DISC *B1	9		M W F	108	A H		FERGUSON
MATH	314	INTRODUCTION TO SET THEORY AND MATHEMATICAL LOGIC. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT. 3 HOURS OR 1 UNIT							
	48484	LECT-DISC G1	3		M W F	147	A H		SCHUPP

MATH 315 LINEAR TRANSFORMATIONS AND MATRICES.

PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.

3 HOURS OR 1 UNIT

*SECTION A2 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.

48492	LECT-DISC	A1	8	M	W	F	243	A H
48565	LECT-DISC	*A2	8	M	W	F	156	ADMIN
48506	LECT-DISC	C1	10	M	W	F	143	ADMIN
48514	LECT-DISC	C2	10	M	W	F	343	A H
48522	LECT-DISC	F1	2	M	W	F	321	A H
48531	LECT-DISC	F2	2	M	W	F	145	A H
48549	LECT-DISC	G1	3	M	W	F	321	A H
48557	LECT-DISC	G2	3	M	W	F	343	A H

MATH 317 INTRODUCTION TO HIGHER ALGEBRA, I.

PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.

3 HOURS OR 1 UNIT

*SECTION &F1 IS AN HONORS SECTION REQUIRING CONCURRENT REGISTRATION IN MATH. 249 &D.

48573	LECT-DISC	B1	9	M	W	F	345	A H
48591	LECT-DISC	M1	9-1030	TU TH			155	A H
48590	LECT-DISC	C1	10	M	W	F	159	A H
48602	LECT-DISC	D1	11	M	W	F	345	A H
48611	LECT-DISC	F1	1	M	W	F	145	A H
48620	LECT-DISC	G1	3	M	W	F	345	A H
48638	LECT-DISC	*&F1	2	M	W	F	447	A H

ECKER
MCLAUGHLIN

FRIESEN

MATH 318 INTRODUCTION TO HIGHER ALGEBRA, II.

PREREQUISITE: MATH. 317.

3 HOURS OR 1 UNIT

*SECTION G2 IS FOR STUDENTS IN THE TEACHER TRAINING CURRICULUM.

48646	LECT-DISC	B1	9	M	W	F	110	A H
48654	LECT-DISC	N1	1030-12	TU TH			159	A H
48662	LECT-DISC	F1	2	M	W	F	343	A H
48671	LECT-DISC	G1	3	M	W	F	155	A H
48697	LECT-DISC	*G2	3	M	W	F	143	ADMIN
48699	LECT-DISC	H1	4	M	W	F	257	A H

FOSSUM
BISHOP

CONVERSE
BRAUDFELD
SCHUBERT

MATH 323 THE ELEMENTS OF GEOMETRY AND TOPOLOGY, I.

PREREQUISITE: MATH. 343.

3 HOURS OR 1 UNIT

48701	LECT-DISC	N1	1030-12	TU TH			165	A H
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ALBRECHT

MATH 324 ELEMENTS OF GEOMETRY AND TOPOLOGY, II.

PREREQUISITE: MATH. 323.

3 HOURS OR 1 UNIT

48719	LECT-DISC	G1	3	M	W	F	159	A H
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TONDEUR

MATH 332 INTRODUCTION TO SET THEORY AND TOPOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MATH. 347.

3 HOURS OR 1 UNIT

48727	LECT-DISC	M1	9-1030	TU TH			173	A H
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HAKEN

MATH 341 DIFFERENTIAL EQUATIONS, I.

PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.

3 HOURS OR 1 UNIT

48735	LECT-DISC	F1	2	M	W	F	147	A H
48743	LECT-DISC	F2	2	M	W	F	345	A H
48751	LECT-DISC	G1	3	M	W	F	347	A H
48760	LECT-DISC	G2	3	M	W	F	165	A H
48778	LECT-DISC	H1	4	M	W	F	102	A H

MATH 342 DIFFERENTIAL EQUATIONS, II.

PREREQUISITE: MATH. 341.

3 HOURS OR 1 UNIT

48786	LECT-DISC	D1	11	M	W	F	147	A H
48794	LECT-DISC	F1	2	M	W	F	347	A H
48908	LECT-DISC	G1	3	M	W	F	149	ADMIN

FRANCIS

CARROLL, R.

MATH	383	LINEAR PROGRAMMING. SAME AS C. S. 383. PREREQUISITE: ONE YEAR OF CALCULUS. 3 HOURS OR 1 UNIT	46463	LECT-DISC	E1	1	M W F	152	ADMIN	
MATH	385	LAPLACE TRANSFORMS. PREREQUISITE: MATH. 343. 3 HOURS OR 1 UNIT	46471	LECT-DISC	D1	11	M W F	169	A H	SCOTT
MATH	387	NUMERICAL ANALYSIS. SAME AS C. S. 387. PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	49480	LECT-DISC	F1	1	M W F	156	ADMIN	PHILLIPS
MATH	388	MATHEMATICAL METHODS IN ENGINEERING AND SCIENCE. PREREQUISITE: MATH. 343. 3 HOURS OR 1 UNIT *SECTION R1 CONSIDERS APPLIED STATISTICS ONLY AND PRESUMES A KNOWLEDGE OF MATH. 361 OR MATH. 363.	4949A	LECT-DISC	B1	9	M W F	149	ADMIN	LANGEBARTEL
			49501	LECT-DISC	D1	11	M W F	443	A H	
			49510	LECT-DISC	*R1	1-4	TU	145	A H	WIJSMAN
MATH	391	BOOLEAN ALGEBRA AND SWITCHING THEORY. SAME AS C. S. AND E. E. 391. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	49528	LECT-DISC	M1	10-1120	TU TH	119	M M B	METZE
MATH	392	INTRODUCTION TO AUTOMATA THEORY. SAME AS C. S. AND E. E. 392. PREREQUISITE: C. S., F. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	49536	LECT-DISC	B1	9	M W F	165	A H	MULLER
			49544	LECT-DISC	D1	11	M W F	168	E E B	
COURSES FOR GRADUATES										
MATH	400	GENERAL SEMINAR. 2 CREDIT	47552	LECT-DISC	G1	4	TU TH	314	A H	HOHN
MATH	401	SECOND COURSE IN ABSTRACT ALGEBRA, I. PREREQUISITE: MATH. 317 AND 318. 1 UNIT *SECTION D1 IS FOR AYT STUDENTS.	49579	LECT-DISC	*D1	11	M W F	241	A H	BRAUNFELD
			49561	LECT-DISC	G1	3	M W F	241	A H	GARFINKEL
MATH	402	SECOND COURSE IN ABSTRACT ALGEBRA, II. PREREQUISITE: MATH. 401. 1 UNIT	49587	LECT-DISC	F1	2	M W F	241	A H	DORNHOF
			49595	LECT-DISC	G1	3	M W F	243	A H	
MATH	403	THEORY OF RINGS. PREREQUISITE: MATH. 401, 402 OR EQUIVALENT. 1 UNIT	49609	LECT-DISC	G1	3	M W F	245	A H	
MATH	404	GROUP THEORY. PREREQUISITE: MATH. 401 AND 402 OR EQUIVALENT. 1 UNIT	49617	LECT-DISC	C1	10	M W F	241	A H	D. ROBINSON

MATH 410	LOGICAL FOUNDATIONS OF MATHEMATICS, I. PREREQUISITE: MATH. 314 OR 317 OR 347 OR PHIL. 333 OR CONSENT OF INSTRUCTOR. 1 UNIT	49625	LECT-DISC E1	1	M W F	241 A H	HASENJAEGER
MATH 411	LOGICAL FOUNDATIONS OF MATHEMATICS, II. PREREQUISITE: MATH. 410. 1 UNIT	49633	LECT-DISC C1	10	M W F	243 A H	APPEL
MATH 412	RECURSIVE FUNCTION THEORY. PREREQUISITE: MATH. 410 OR CONSENT OF INSTRUCTOR. 1 UNIT	49641	LECT-DISC E1	1	M W F	243 A H	JOCKUSCH
MATH 413	SET THEORY. PREREQUISITE: MATH. 410. 1 UNIT	49650	LECT-DISC F1	2	M W F	243 A H	ZARING
MATH 415	ADVANCED TOPICS IN THE THEORY OF GROUPS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT *SECTION 91 CONSIDERS DEFINED GROUPS AND RINGS. *SECTION C1 CONSIDERS ABELIAN GROUPS.	49668 49676	LECT-DISC *R1 LECT-DISC *C1	9 10	M W F M W F	241 A H 245 A H	WEINBERG ARMSTRONG
MATH 416	ADVANCED TOPICS IN ABSTRACT ALGEBRA. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT *SECTION N1 CONSIDERS MODERN APPLIED ALGEBRA, CONTINUED. *SECTION D1 CONSIDERS ABELIAN CATEGORIES. *SECTION D2 CONSIDERS SET THEORY. *SECTION E1 CONSIDERS LOGIC IN GROUP THEORY. *SECTION E2 CONSIDERS ALGEBRAIC NUMBER THEORY. SECTION F1 CONSIDERS CLASS FIELD THEORY. SECTION G1 CONSIDERS GALOIS COHOMOLOGY. SECTION G2 CONSIDERS COMBINATORIAL THEORY. SECTION H1 CONSIDERS REPRESENTATION THEORY.	49692 49706 49714 49722 49731 49749 49757 49765 49684	LECT-DISC *N1 LECT-DISC *D1 LECT-DISC *D2 LECT-DISC *F1 LECT-DISC *E2 LECT-DISC F1 LECT-DISC G1 LECT-DISC G2 LECT-DISC H1	1030-12 11 11 1 1 2 3 3 4	TU TH M W F M W F M W F M W F M W F M W F M W F M W F	110 A H 243 A H 245 A H 245 A H 247 A H 245 A H 247 A H 259 A H 241 A H	BROWN GRIFFITH TAKFUTI BOONE JANUSZ REINER DIBELLO PARKER WALTER
MATH 422	ALGEBRAIC GEOMETRY. PREREQUISITE: MATH. 328. 1 UNIT *SECTION G1 CONSIDERS ALGEBRAIC CURVES.	49773	LECT-DISC *G1	3	M W F	257 A H	BABAKHANIAN
MATH 423	DIFFERENTIABLE MANIFOLDS. PREREQUISITE: MATH. 323-324 OR CONSENT OF INSTRUCTOR. 1 UNIT	49781	LECT-DISC C1	10	M W F	247 A H	FRANCIS
MATH 424	RIEMANNIAN GEOMETRY. PREREQUISITE: MATH. 423. 1 UNIT	49790	LECT-DISC E1	1	M W F	257 A H	S. ALEXANDER
MATH 426	LINEAR ANALYSIS ON MANIFOLDS, II. PREREQUISITE: MATH 425. 1 UNIT	49803	LECT-DISC F1	2	M W F	247 A H	KAMBER

MATH 427	LIE GROUPS.								
	PREREQUISITE: MATH. 423.								
	1 UNIT								
49811	LECT-DISC H1	4	M	W	F	243	A	H	CARROLL
MATH 428	TOPICS IN GEOMETRY.								
	PREREQUISITE: CONSENT OF INSTRUCTOR.								
	1 UNIT								
	*SECTION D1 CONSIDERS COMPLEX MANIFOLDS.								
	*SECTION F1 CONSIDERS ELLIPTIC OPERATORS.								
	*SECTION F2 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.								
49920	LECT-DISC *D1	11	M	W	F	259	A	H	GOLDBERG
49838	LECT-DISC *E1	1	M	W	F	102	A	H	TONDEUR
49846	LECT-DISC *E2	1	M	W	F	108	A	H	WETZEL
MATH 431	ALGEBRAIC TOPOLOGY, I.								
	PREREQUISITE: MATH 332 AND CREDIT OR REGISTRATION IN MATH. 402,								
	OR CONSENT OF INSTRUCTOR.								
	1 UNIT								
	*SECTION F1 ASSUMES MATH. 332 AND CONCURRENT REGISTRATION IN								
	MATH. 401.								
49854	LECT-DISC *F1	2	M	W	F	110	A	H	
MATH 432	ALGEBRAIC TOPOLOGY, II.								
	PREREQUISITE: MATH. 431 AND CREDIT OR REGISTRATION IN MATH. 402, OR								
	CONSENT OF INSTRUCTOR.								
	1 UNIT								
	*SECTION B1 ASSUMES CONCURRENT REGISTRATION IN MATH. 402.								
49862	LECT-DISC *B1	9	M	W	F	241	A	H	FINNEY
MATH 434	POLYHEDRAL TOPOLOGY.								
	PREREQUISITE: MATH. 431 AND 435.								
	1 UNIT								
49871	LECT-DISC H1	4	M	W	F	245	A	H	HAMSTROM
MATH 435	GENERAL TOPOLOGY, I.								
	PREREQUISITE: MATH. 332 OR CONSENT OF INSTRUCTOR.								
	1 UNIT								
49889	LECT-DISC D1	11	M	W	F	257	A	H	GRAGGS
MATH 436	GENERAL TOPOLOGY, II.								
	PREREQUISITE: MATH. 435.								
	1 UNIT								
49897	LECT-DISC D1	11	M	W	F	102	A	H	JERRARD
MATH 438	TOPICS IN TOPOLOGY.								
	PREREQUISITE: CONSENT OF INSTRUCTOR.								
	1 UNIT								
	*SECTION B1 CONSIDERS THREE DIMENSIONAL TOPOLOGY.								
	*SECTION C1 CONSIDERS HOMOTOPY THEORY.								
	*SECTION E1 CONSIDERS TOPOLOGY OF SINGULARITIES.								
	*SECTION Q1 CONSIDERS K-THEORY.								
49901	LECT-DISC *B1	9	M	W	F	245	A	H	HAKEN
49919	LECT-DISC *C1	10	M	W	F	257	A	H	CHEN
49438	LECT-DISC *E1	1	M	W	F	110	A	H	SHIH
49927	LECT-DISC *Q1	1230-2	TU	TH		155	A	H	OSBORN
MATH 439	SEMINAR IN TOPOLOGY.								
	PREREQUISITE: CONSENT OF INSTRUCTOR.								
	1 UNIT								
49935	LECT-DISC C1	10	M	W	F	321	A	H	
49943	LECT-DISC F1	2	M	W	F	102	A	H	
49951	LECT-DISC M1	9	TU	TH		241	A	H	
49960	LECT-DISC N1	10	TU	TH		241	A	H	
49978	LECT-DISC P1	11	TU	TH		241	A	H	
49986	LECT-DISC R1	1	TU	TH		241	A	H	
49994	LECT-DISC S1	2	TU	TH		241	A	H	
50002	LECT-DISC T1	3	TU	TH		241	A	H	
50011	LECT-DISC U1	4	TU	TH		241	A	H	
MATH 440	THEORY OF FUNCTIONS OF A COMPLEX VARIABLE, I.								
	PREREQUISITE: MATH. 346 OR CONSENT OF INSTRUCTOR.								
	1 UNIT								
50029	LECT-DISC F1	2	M	W	F	108	A	H	BANK

MATH 441	REAL ANALYSIS, I.								
	PREREQUISITE: MATH. 347 OR EQUIVALENT.								
	1 UNIT								
50037	LECT-DISC	H1	4	M	W	F	247	A H	HELMS
MATH 442	REAL ANALYSIS, II.								
	PREREQUISITE: MATH. 441.								
	1 UNIT								
50045	LECT-DISC	D1	11	M	W	F	341	A H	RUBEL
50053	LECT-DISC	G1	3	M	W	F	108	A H	PHILIPP
MATH 443	ORDINARY DIFFERENTIAL EQUATIONS.								
	PREREQUISITE: MATH. 347 AND A FIRST COURSE IN ORDINARY DIFFERENTIAL EQUATIONS.								
	1 UNIT								
50061	LECT-DISC	X1	12	M	W	F	241	A H	WITZ
MATH 444	PARTIAL DIFFERENTIAL EQUATIONS.								
	PREREQUISITE: CONSENT OF INSTRUCTOR.								
	1 UNIT								
50070	LECT-DISC	C1	10	M	W	F	145	A H	KNIGHT
MATH 445	THEORY OF FUNCTIONS OF A COMPLEX VARIABLE, II.								
	PREREQUISITE: MATH. 332 AND 440 OR CONSENT OF INSTRUCTOR.								
	1 UNIT								
50088	LECT-DISC	C1	3	M	W	F	102	A H	HEINS
MATH 446	HILBERT SPACE.								
	PREREQUISITE: MATH. 442.								
	1 UNIT								
50096	LECT-DISC	P1	7	M	W	F	247	A H	PORTA
MATH 447	BANACH SPACES.								
	PREREQUISITE: MATH. 442.								
	1 UNIT								
50100	LECT-DISC	F1	2	M	W	F	257	A H	UHL
MATH 449	NORMED RINGS.								
	PREREQUISITE: MATH. 318 AND 446 OR 447.								
	1 UNIT								
50118	LECT-DISC	C1	10	M	W	F	102	A H	SHERBERT
MATH 452	THEORY OF PROBABILITY, II.								
	PREREQUISITE: MATH. 451.								
	1 UNIT								
50126	LECT-DISC	B1	9	M	W	F	257	A H	STOUT
MATH 454	ANALYTIC THEORY OF NUMBERS, II.								
	PREREQUISITE: MATH. 453.								
	1 UNIT								
50134	LECT-DISC	B1	9	M	W	F	145	A H	DIAMOND
MATH 455	MATHEMATICAL METHODS OF PHYSICS, I.								
	PREREQUISITE: MATH. 348.								
	1 UNIT								
50142	LECT-DISC	C1	10	M	W	F	108	A H	TAKEUTI
MATH 456	MATHEMATICAL METHODS OF PHYSICS, II.								
	PREREQUISITE: MATH. 455.								
	1 UNIT								
50151	LECT-DISC	B1	9	M	W	F	341	A H	TING
50169	LECT-DISC	C1	10	M	W	F	110	A H	SCOTT
MATH 458	NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS.								
	SAME AS C. S. 458.								
	PREREQUISITE: C. S. OR MATH. 457, OR CONSENT OF INSTRUCTOR.								
	1 UNIT								
50177	LECT-DISC	F1	2	M	W	F	161	E E B	SAYLOR

MATH 460	RELATIVITY AND COSMOLOGY. SAME AS ASTR. AND PHYCS. 424. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	50185	LECT	2	M W F	140	BUR HALL	MAY
MATH 465	TOPICS IN AUTOMATA THEORY. SAME AS C. S. AND E. E. 465. PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR. 1 UNIT	50173	LECT-DISC	D1	11	M W F	247	A H MULLER
MATH 468	TOPICS IN ANALYSIS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT *SECTION M1 CONSIDERS ASYMPTOTIC METHODS IN ANALYSIS. *SECTION M2 CONSIDERS GLOBAL NON-LINEAR ANALYSIS. *SECTION B1 CONSIDERS BOUNDARY VALUE PROBLEMS. *SECTION B2 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS. *SECTION F1 CONSIDERS W* ALGEBRAS. SECTION F1 CONSIDERS BANACH SPACES C(X). SECTION G1 CONSIDERS NUCLEAR SPACES. SECTION H1 CONSIDERS APPLIED FUNCTIONAL ANALYSIS.	50215	LECT-DISC	*M1	9-1030	TU TH	145	A H STOLARKSY
		50223	LECT-DISC	*M2	9-1030	TU TH	441	A H ALBRECHT
		50231	LECT-DISC	*B1	9	M W F	259	A H BENZINGER
		50240	LECT-DISC	*B2	9	M W F	343	A H ZARING
		50258	LECT-DISC	*F1	1	M W F	341	A H E. BERKSON
		50282	LECT-DISC	F1	2	M W F	341	A H PECK
		50266	LECT-DISC	G1	3	M W F	110	A H LOTZ
		50207	LECT-DISC	G2	3	M W F	145	A H CHUNG
		50274	LECT-DISC	H1	4	M W F	259	A H PERESSINI
MATH 469	SEMINAR IN ANALYSIS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	50291	LECT-DISC	D1	11	M W F	321	A H
		50304	LECT-DISC	M1	9	TU TH	243	A H
		50312	LECT-DISC	N1	10	TU TH	243	A H
		50321	LECT-DISC	P1	11	TU TH	243	A H
		50339	LECT-DISC	R1	1	TU TH	243	A H
		50347	LECT-DISC	S1	2	TU TH	243	A H
		50355	LECT-DISC	T1	3	TU TH	243	A H
		50363	LECT-DISC	U1	4	TU TH	243	A H
MATH 474	THE THEORY OF ESTIMATION. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	50371	LECT-DISC	C1	10	M W F	155	A H
MATH 478	TOPICS IN STATISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	50380	LECT-DISC	D1	11	M W F	159	A H
		50398	LECT-DISC	E1	1	M W F	321	A H
MATH 488	TOPICS IN APPLIED MATHEMATICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT *SECTION D1 CONSIDERS THEORY OF APPROXIMATION CONTINUED.	50401	LECT-DISC	*D1	11	M W F	110	A H BELFORD
MATH 489	SEMINAR IN APPLIED MATHEMATICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	50410	LECT-DISC	B1	9	M W F	321	A H
		50436	LECT-DISC	M1	9	TU TH	245	A H
		50444	LECT-DISC	N1	10	TU TH	245	A H
		50452	LECT-DISC	P1	11	TU TH	245	A H
		50461	LECT-DISC	P1	1	TU TH	245	A H
		50479	LECT-DISC	S1	2	TU TH	245	A H
		50487	LECT-DISC	T1	3	TU TH	245	A H
		50495	LECT-DISC	U1	4	TU TH	245	A H

MATH 490 READING COURSE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 TO 2 UNITS
 50509 CONF A ARR
 50517 CONF B ARR
 50525 CONF C ARR

STAFF
 STAFF
 STAFF

MATH 499 THESIS RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 4 UNITS
 50533 CONF ARR

STAFF

MECHANICAL ENGINEERING

DEPARTMENT OFFICE

144 M E B

COURSES FOR UNDERGRADUATES

M E 180 ENGINEERING MATERIALS AND PROCESSES.
 PREREQUISITE: SOPHOMORE STANDING.
 3 HOURS
 50541 LECT-DISC A 8 M W F 253 M E B

M E 185 MATERIALS PROCESSING AND PRODUCTION TECHNOLOGY.
 PREREQUISITE: CHEM. 102 (NEW), PHYCS. 106, AND CREDIT OR
 REGISTRATION IN MATH. 142 OR 143.
 4 HOURS
 50550 LECT-DISC BK1 9 M W F 218 M E B
 LAB BK1 8-11 TU 218 M E B
 BK1 8-11 TU 217 M E B
 50568 LECT-DISC BK3 9 M W F 218 M E B
 LAB BK3 8-11 TH 218 M E B
 BK3 8-11 TH 217 M E B
 50576 LECT-DISC CQ1 10 M W F 218 M E B
 LAB CQ1 2-5 TH 218 M E B
 CQ1 2-5 TH 217 M E B

M E 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 50584 CONF Y ARR

COURSES FOR ADVANCED UNDERGRADUATES

M E 202 THERMODYNAMICS AND HEAT TRANSFER.
 PREREQUISITE: MATH. 345, PHYCS. 107, T. A. M. 154 OR 211.
 3 HOURS
 50592 LECT-DISC A 8 M W F 236 M E B
 50606 LECT-DISC B 9 M W F 253 M E B
 50614 LECT-DISC C 10 M W F 253 M E B
 50622 LECT-DISC F 1 M W F 236 M E B
 50631 LECT-DISC F 2 M W F 218 M E B
 50649 LECT-DISC G 3 M W F 110 M E B

M E 205 THERMODYNAMICS.
 PREREQUISITE: MATH. 142 OR 143, PHYCS. 107.
 3 HOURS
 50657 LECT-DISC C1 10 M F 135 M E B
 C1 10-12 W 135 M E B
 50665 LECT-DISC C2 10 M F 110 M E B
 C2 10-12 W 110 M E B
 50673 LECT-DISC G1 3 M F 135 M E B
 G1 3-5 W 135 M E B
 50681 LECT-DISC G2 3 M F 336 M E B
 G2 3-5 W 336 M E B

M E	205	THERMODYNAMICS.									
		PREREQUISITE: M. E. 205.									
		3 HOURS									
		*SECTION 601 IS AN HONORS SECTION.									
	50690	LECT-DISC	B1	9	M	W	F	135	M	E	B
	50703	LECT-DISC	B2	9	M	W	F	110	M	E	B
	50746	LECT-DISC	*601	11	M	W	F	236	M	E	B
	50711	LECT-DISC	D2	11	M	W	F	204	M	E	L
	50720	LECT-DISC	F1	2	M	W	F	110	M	E	B
	50738	LECT-DISC	F2	2	M	W	F	204	M	E	L
M E	207	THERMODYNAMICS.									
		PREREQUISITE: MATH. 142 OR 143 AND PHYS. 107.									
		3 HOURS									
		STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE DISC SECTION.									
	50754	LECT	G1	3	M	W	F	204	M	E	L
	50762	LECT	C2	3	M	W	F	253	M	E	B
	50771	DISC	Q1	2		TU		344	M	E	B
	50789	DISC	R1	3		TU		344	M	E	B
	50797	DISC	Q3	2			TH	344	M	E	B
	50801	DISC	R3	3			TH	344	M	E	B
M E	209	THERMODYNAMICS AND HEAT TRANSFER.									
		PREREQUISITE: MATH. 142 OR 143, PHYS. 107.									
		3 HOURS									
	50819	LECT-DISC	B1	9	M	W	F	343	M	E	B
	50827	LECT-DISC	B2	9	M	W	F	204	M	E	L
	50835	LECT-DISC	F1	2	M	W	F	236	M	E	B
	50843	LECT-DISC	F2	2	M	W	F	253	M	E	B
M E	210	INTRODUCTION TO ENGINEERING EXPERIMENTATION.									
		PREREQUISITE: REGISTRATION IN MATH. 345 AND M. E. 220.									
		3 HOURS									
		STUDENTS MUST REGISTER IN LECTURE-DISC. AND IN ONE LAB SECTION.									
	50851	LECT-DISC	K	8		TU	TH	253	M	E	B
	50860	LAB	L1	9-12		TU		204	M	E	L
	50878	LAB	L3	9-12			TH	204	M	E	L
	50886	LAB	Q1	2-5		TU		204	M	E	L
	50894	LAB	Q3	2-5			TH	204	M	E	L
M E	211	INTRODUCTORY GAS DYNAMICS.									
		PREREQUISITE: MATH. 345, PHYS. 107, AND M. E. 210(OR CONCURRENTLY)									
		3 HOURS									
	50908	LECT-DISC	B	9	M	W	F	236	M	E	B
	50916	LECT-DISC	E	1	M	W	F	253	M	E	B
	50924	LECT-DISC	F	2	M	W	F	249	M	E	B
M E	213	HEAT TRANSFER.									
		PREREQUISITE: M. E. 211.									
		3 HOURS									
	50932	LECT-DISC	A	8	M	W	F	110	M	E	B
	50941	LECT-DISC	C	10	M	W	F	204	M	E	L
	50959	LECT-DISC	F	1	M	W	F	135	M	E	B
M E	220	MECHANICS OF MACHINERY.									
		PREREQUISITE: T. A. M. 154 OR 156, OR REGISTRATION IN T. A. M. 211, AND CREDIT OR REGISTRATION IN C. S. 101.									
		4 HOURS									
		*SECTION 601 IS AN HONORS SECTION.									
	50967	LAB-DISC	A1	8-10	M	W	F	353	M	E	B
	50975	LAB-DISC	A2	8-10	M	W	F	335	M	E	B
	51008	LAB-DISC	*601	10-12	M	W	F	353	M	E	B
	50983	LAB-DISC	C2	10-12	M	W	F	335	M	E	B
	50991	LAB-DISC	E	1-3	M	W	F	353	M	E	B
M E	224	DESIGN OF MACHINE ELEMENTS.									
		PREREQUISITE: M. E. 220 OR 221; T. A. M. 221; CREDIT OR REGISTRATION IN T. A. M. 223.									
		3 HOURS									
		*SECTION 6A1 IS AN HONORS SECTION.									
	51067	LECT-DISC	*6A1	8-10	M	W	F	336	M	E	B
	51016	LECT-DISC	A2	8-10	M	W	F	344	M	E	B
	51024	LECT-DISC	C1	10-12	M	W	F	336	M	E	B
	51032	LECT-DISC	C2	10-12	M	W	F	344	M	E	B
	51041	LECT-DISC	E1	1-3	M	W	F	336	M	E	B
	51059	LECT-DISC	E2	1-3	M	W	F	344	M	E	B

M E	234	HEAT TREATMENT OF METALS.									
		PREREQUISITE: T. A. M. 221, CREDIT OF REGISTRATION IN M. E. 224 AND T. A. M. 223.									
		3 HOURS									
		STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB SECTION.									
	51075	LECT	K	8	TU TH	110	M E B				
	51083	LECT	U	11	M F	110	M E B				
	51091	LECT	P	1	TU TH	110	M E B				
	51105	LAB	L1	9-12	TU	110	M E B				
			L1	3-12	TU	114	M E B				
	51113	LAB	L3	9-12	TH	110	M E B				
			L3	9-12	TH	114	M E B				
	51121	LAB	Q1	2-5	TU	110	M E B				
			Q1	2-5	TU	114	M E B				
	51130	LAB	Q3	2-5	TH	110	M E B				
			Q3	2-5	TH	114	M E B				
M F	250	THERMO SCIENCE LABORATORY.									
		PREREQUISITE: M. E. 205 AND 213.									
		3 HOURS									
	51148	LAB	R	9-12	M F	320	M E L				
			R	9-12	M F	321	M E L				
	51156	LAB	L	9-12	TU TH	320	M E L				
			L	9-12	TU TH	321	M E L				
	51164	LAB	Q	2-5	TU TH	320	M E L				
			Q	2-5	TU TH	321	M E L				
M E	252	HEATING AND AIR CONDITIONING FOR ARCHITECTS.									
		PREREQUISITE: JUNIOR STANDING.									
		4 HOURS									
	51172	LECT-DISC	D	11	MTUWTH	213	G H				
M F	254	HEAT TRANSFER AND GAS DYNAMICS.									
		PREREQUISITE: M. E. 205, CREDIT OF REGISTRATION IN T. A. M. 235.									
		*CREDIT IS NOT GIVEN FOR BOTH M. E. 254 AND 212.									
		*3 HOURS									
	51181	LECT-DISC	D	11	M W F	218	M E B				
M E	256	INTERNAL COMBUSTION ENGINES.									
		PREREQUISITE: M. E. 206.									
		3 HOURS									
		STUDENTS MUST REGISTER IN ONE LECT-DISC AND IN ONE LAB.									
	51199	LECT-DISC	B	9	M F	332	M E B				
	51202	LECT-DISC	F	2	M F	332	M E B				
	51211	LAB	L1	9-11	TU	101	M E B				
	51229	LAB	L3	9-11	TH	101	M E B				
	51237	LAB	Q1	2-4	TU	101	M E B				
	51245	LAB	Q3	2-4	TH	101	M E B				
M F	257	GAS TURBINES.									
		PREREQUISITE: M. E. 206, AND 212 OR EQUIVALENT.									
		3 HOURS									
	51253	LECT-DISC	K	8	TU TH	135	M F B				
	51261	LAB	L1	9-11	TU	101	M E B				
	51270	LAB	L3	9-11	TH	101	M E B				
M E	260	AIR FLOW AND CONDITIONING.									
		PREREQUISITE: M. E. 206 AND 212.									
		3 HOURS									
	51288	LECT-DISC	C	10	M W F	236	M E B				
M F	264	HEAT POWER LABORATORY.									
		PREREQUISITE: M. E. 212 AND 203.									
		3 HOURS									
	51296	LAB	F	1-3	M W F	101	M E B				
			E	1-3	M W F	321	M F L				
			E	1-3	M W F		M E LAB				
M F	265	PRINCIPLES OF CONTROL SYSTEMS.									
		PREREQUISITE: M. E. 211 OR SENIOR STANDING, OR CONSENT OF INSTRUCTOR.									
		3 HOURS									
	51300	LECT-DISC	F	1	M F	218	M E B				
	51318	LAB	L1	9-12	TU	362	M E B				
	51326	LAB	L3	9-12	TH	362	M E B				
	51334	LAB	Q1	2-5	TU	362	M E B				
	51342	LAB	Q3	2-5	TH	362	M E B				

M F	271	DESIGN OF MACHINE ELEMENTS. PREREQUISITE: M. E. 224. 3 HOURS							
	51351	LECT-DISC	A1	8-10	M	W	F	349	M E B
	51369	LECT-DISC	C1	10-12	M	W	F	349	M E B
	51377	LECT-DISC	C2	10-12	M	W	F	249	M E B
	51385	LECT-DISC	F1	1-3	M	W	F	335	M E B
	51393	LECT-DISC	F1	2-4	M	W	F	343	M E B
M E	275	CREATIVITY IN ENGINEERING DESIGN. PREREQUISITE: M. F. 271. 3 HOURS							
	51407	LECT-DISC	R	3-5	TU	TH		249	M E B OFFNER
M F	284	WELDING ENGINEERING. PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR. 3 HOURS							
	51415	LECT-DISC	GMI	3	M		F	218	M E B
M F	290	SENIOR PROJECT LABORATORY. PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING. *MAY BE REPEATED FOR CREDIT.							
	51423	CONF	Y	ARR					
M F	291	SEMINAR. PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR. 2 CREDIT							
	51431	CONF	H	4	M			218	M E B
M E	293	SPECIAL PROJECTS. PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, CONSENT OF HEAD OF DEPARTMENT. 3 HOURS							
	51440	CONF	Y	ARR					
	51458	CONF	Z	ARR					
	51466	CONF	YY	9	M	W	F	101	WOODSHOP
	51474	CONF	ZZ	10	M	W	F	101	WOODSHOP
M F	294	HONORS PROJECT. PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. 1 TO 4 HOURS							
	51482	CONF	EZ	ARR					
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES									
M F	302	NUCLEAR POWER ENGINEERING. SAME AS NUC. E. 302. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT							
	51491	LECT-DISC		9	M	W	F	203	N E L
M E	303	DYNAMICS OF AEROSOLS AND HYDROSOLS. PREREQUISITE: SENIOR OR GRADUATE STANDING. 3 HOURS OR 1 UNIT							
	51504	LECT-DISC		ARR					MORRISON
M E	304	DIRECT ENERGY CONVERSION. PREREQUISITE: M. F. 301 OR CONSENT OF INSTRUCTOR, MATH. 345. 3 HOURS, OR 3/4 OR 1 UNIT							
	51512	LECT-DISC		ARR					SQU
M F	305	THERMODYNAMICS OF HIGH VELOCITY FLOW. PREREQUISITE: M. F. 206 OR 211 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT							
	51521	LECT-DISC		11	M	W	F	332	M E B ADDY
M E	306	INDUSTRIAL HEAT TRANSFER. PREREQUISITE: UNDERGRADUATE COURSES IN FLUID MECHANICS AND HEAT TRANSFER. 4 HOURS OR 1 UNIT							
	51539	LECT-DISC		1-3	M	W		243	M E B CLAUSING

M E	311	INSTRUMENTATION AND MEASUREMENTS. SAME AS AG. E. 311. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE. 3 OR 4 HOURS, OR 3/4 OR 1 UNIT														51547	LECT	R	M	W	F	135	M E B	STROUT	
M E	314	LUBRICATION. PREREQUISITE: UNDERGRADUATE COURSES IN MACHINE DESIGN AND FLUID MECHANICS. 3 HOURS, OR 3/4 OR 1 UNIT														51555	LECT-DISC	1-3	TU	TH		236	M E B	RADZIMOVSKY	
M E	323	DESIGN OF THERMAL SYSTEMS. PREREQUISITE: M. E. 206, 211 AND 213. 3 HOURS, OR 3/4 OR 1 UNIT STUDENTS MUST REGISTER IN THE LECTURE AND IN ONE LABORATORY.														51563	LECT	R	3	TU	TH	253	M E B	STOECKER	
																		STOECKER							
																		STOECKER							
M E	332	THEORY OF INTERNAL COMBUSTION ENGINES. PREREQUISITE: UNDERGRADUATE COURSE IN INTERNAL COMBUSTION ENGINES OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 TO 1 UNIT														51598	LECT-DISC	R	M	W	F	204	M E L	HULL, SORENSON	
M E	341	ENGINEERING ANALYSIS AND DESIGN. PREREQUISITE: M. E. 271, SENIOR STANDING, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT														51601	LECT-DISC	A	8-10	M	W	F	249	M E B	ADKINS
M E	343	DYNAMICS OF MACHINERY. PREREQUISITE: M. E. 221 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT														51628	LECT-DISC	10	M	W	F	343	M E B	STAFF	
M E	348	AIR POLLUTION SEMINAR. SAME AS AG. E., C. E., G. E., GEIG., U. P. AND V. M. S. 348. PREREQUISITE: SENIOR OR GRADUATE STANDING. 2 HOURS OR 1/2 UNIT														51636	LECT-DISC	3-5	W			218	M F B	PEARSON	
M E	388	MACHINE TOOL SYSTEMS ANALYSIS. PREREQUISITE: M. E. 186, M. F. 271 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT														51644	LECT-DISC	9	M	W	F	235	M E B	KLEIN	

COURSES FOR GRADUATES

M E	402	NON-EQUILIBRIUM PROCESSES. PREREQUISITE: M. E. 301, 303, OR CONSENT OF INSTRUCTOR. 1 UNIT						51652	LECT-DISC	ARR						SOD
M E	405	CONVECTIVE HEAT TRANSFER. PREREQUISITE: M. E. 306 OR CONSENT OF INSTRUCTOR. 1 UNIT						51661	LECT-DISC	3-5	M		F	236	M E B	CHAO
M E	407	SELECTED TOPICS IN GAS DYNAMICS. PREREQUISITE: M. E. 404. 1 UNIT						51679	LECT-DISC	ARR						CHOW, KIRST
M E	408	LABORATORY INVESTIGATIONS IN THERMODYNAMICS. PREREQUISITE: ONE-YEAR COURSE IN THERMODYNAMICS, ONE HALF-YEAR COURSE IN POWER LABORATORY. 1/2 TO 1 1/2 UNITS						51687	CONF	ARR						BAIR, STUKEL, MORRISON, SOD

M E	437	LABORATORY INVESTIGATIONS IN FLUID FLOW, HEAT TRANSFER, AND COMBUSTION. PREREQUISITE: COURSES IN THERMODYNAMICS AND FLUID MECHANICS. 1/2 TO 1 1/2 UNITS	51695	CONF	ARR			ADDY, BAIR, CHAD CHOW, CLAUSING HERING, SAVAGE
M E	423	THERMAL SYSTEMS. PREREQUISITE: M. E. 323. 1 UNIT	51709	LECT-DISC	10-12	TU TH	336 M E B	STOECKER
M E	428	INVESTIGATIONS IN THERMAL SYSTEMS. 1/2 TO 1 1/2 UNITS	51717	CONF	ARR			STOECKER, PEDERSEN, CHATO
M E	429	INVESTIGATIONS IN ENVIRONMENTAL CONTROL. PREREQUISITE: TWO SEMESTERS OF POWER LABORATORY OR EQUIVALENT. 1/2 TO 1 1/2 UNITS	51725	CONF	ARR			CHATO, HERTIG, KONZO, PEDERSEN, STOECKER
M E	432	THEORY OF ROTARY COMPRESSORS. PREREQUISITE: M. E. 205, 206, AND 212, OR A. A. E. 211. 1 UNIT	51733	LECT-DISC	ARR			KORST
M E	438	LABORATORY INVESTIGATIONS IN POWER MACHINERY. PREREQUISITE: ONE-YEAR COURSE IN POWER LABORATORY. 1/2 TO 1 1/2 UNITS	51741	CONF	ARR			HEBRANK, HULL, MILES, SAVAGE, SORENSEN, STROUT
M F	441	MACHINE DESIGN. PREREQUISITE: UNDERGRADUATE COURSE IN DYNAMICS OF MACHINES, ONE YEAR OF MACHINE DESIGN. 1 UNIT	51750	LECT-DISC	10-12	TU TH	344 M E B	ADKINS
M E	442	LINKAGE SYNTHESIS. PREREQUISITE: M. E. 342 OR CONSENT OF INSTRUCTOR. 1 UNIT	51768	LECT-DISC	11	M W F	343 M E B	BROGHAMER
M F	449	LABORATORY INVESTIGATIONS IN MACHINE DESIGN. 1/2 TO 1 1/2 UNITS	51776	CONF	ARR			ADKINS, LARSON BROGHAMER, OFFNER, RADZIMOVSKY
M F	452	DEFORMATION AND MECHANICAL PROCESSING OF METALS. PREREQUISITE: M. E. 451 AND MET. F. 408. 1 UNIT	51784	LECT-DISC	ARR			TURKOVICH
M F	458	LABORATORY INVESTIGATIONS IN PRODUCTION. 1/2 TO 1 1/2 UNITS	51792	LAB-DISC	ARR			BARDES, DOYLE LEACH, TRIGGE TURKOVICH

M E 493 SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS EACH SEMESTER WITH THE EXCEPTION
 OF DOCTORAL CANDIDATES WHO HAVE PASSED THEIR PRELIMINARY
 EXAMINATION.
 0 CREDIT
 51806 DISC 4 W 253 M E B MORRISON

M E 499 THESIS RESEARCH.
 0 TO 4 UNITS
 *STUDENTS IN INDUSTRIAL PRODUCTION SHOULD REGISTER IN SECTION IP.
 *STUDENTS IN MACHINE DESIGN SHOULD REGISTER IN SECTION MD.
 *STUDENTS IN THERMOSCIENCE SHOULD REGISTER IN SECTION TSC.
 *STUDENTS IN THERMOSYSTEMS SHOULD REGISTER IN SECTION TSY.
 51814 CONF *IP ARR STAFF
 51822 CONF *MD ARR STAFF
 51831 CONF *TSC ARR STAFF
 51849 CONF *TSY ARR STAFF
 51857 CONF Y ARR STAFF

MEDIEVAL CIVILIZATION STUDIES PROGRAM

MAJOR: STUDENTS WHO ELECT MEDIEVAL CIVILIZATION AS A MAJOR MUST
 COMPLETE THE LOWER DIVISION REQUIREMENTS OF THE COLLEGE OF LIBERAL
 ARTS AND SCIENCES AND FORTY SEMESTER HOURS (WHICH SATISFIES BOTH
 MAJOR AND MINOR REQUIREMENTS) IN COURSES CHOSEN FROM THE FOLLOWING
 LIST: ARCH. 214; ART 308 OR 309; CLCIV. 301, 302; ENGL. 311; HIST.
 301, 302, 303, 304, 305, 333, 345; ITAL. 311, 312; LAT. 104;
 PHIL. 304; SPCH. 361. OTHER COURSES MAY BE SUBSTITUTED WITH THE
 APPROVAL OF THE ADVISER; ADVANCED READING COURSES IN ANY FOREIGN
 LANGUAGE OFFERED BY THE UNIVERSITY ARE STRONGLY RECOMMENDED.
 ADVISER: PROFESSOR DONALD E. QUELLER, GREGORY HALL.

METALLURGICAL ENGINEERING

DEPARTMENT OFFICE 201 M M B

COURSES FOR UNDERGRADUATES

MET F 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 51865 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

MET E 208 PHYSICAL METALLURGY, II.
 PREREQUISITE: MET. E. 201 AND 203.
 *CREDIT NOT ALLOWED FOR MET. E. 208 IN ADDITION TO MET. E. 387.
 *3 HOURS
 51873 LECT-DISC B M W F 305 M M B

MET E 210 PHYSICAL METALLURGY LABORATORY, II.
 PREREQUISITE: REGISTRATION IN MET. E. 208.
 3 HOURS
 51881 LAB A 9-12 TU TH 212 M M B
 51890 LAB B 2-5 TU TH 212 M M B

MET F 295 METALLURGICAL SEMINAR.
 PREREQUISITE: SENIOR STANDING IN METALLURGICAL ENGINEERING.
 1 HOUR
 51903 CONF 3 TU 305 M M B

MET E 299 THESIS.
 PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
 1 TO 3 HOURS
 51911 CONF APP

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MET E 306 DESIGN OF ENGINEERING ALLOYS.

PREREQUISITE: MET. E. 208 AND 311.

3 HOURS, OR 3/4 OR 1 UNIT

51920	LECT-DISC	10	TU TH	305 M M B
		3	W	305 M M B

MET E 307 CORROSION OF METALS.

PREREQUISITE: M. E. 234 OR EQUIVALENT.

3 HOURS, OR 3/4 OR 1 UNIT

51938	LECT-DISC	8	M W F	403 M M B
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MET E 310 X-RAY METALLOGRAPHY.

PREREQUISITE: PHYSCS. 108.

3 HOURS OR 3/4 UNIT

51946	LECT-DISC	11	M W	305 M M B
51954	LAB A	2-5	W	401 M M B
51962	LAB B	9-12	TH	401 M M B

MET E 314 METALLURGICAL THERMODYNAMICS.

PREREQUISITE: CHEM. 245.

3 HOURS OR 3/4 UNIT

51971	LECT-DISC	1	M W F	305 M M B
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MET E 316 MECHANICAL METALLURGY.

PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR

CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

51989	LECT-DISC	9	M W F	305 M M B
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MET E 318 PHYSICS OF METALS.

PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

51997	LECT-DISC	10	M W F	305 M M B
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MET E 334 PHYSICAL METALLURGY FOR ENGINEERS.

PREREQUISITE: CREDIT OR REGISTRATION IN T. A. M. 221, OR A. A. E. 224, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT

52003	LECT-DISC	10	M W F	403 M M B
		2	M W F	403 M M B

MET E 384 PROPERTIES OF SOLIDS.

SAME AS E. E. 384.

PREREQUISITE: PHYSCS. 383.

3 HOURS OR 3/4 UNIT

52011	LECT-DISC B	9	M W F	119 M M B
52020	LECT-DISC D	11	M W F	119 M M B
52038	LECT-DISC G	3	M W F	151 E E B

COURSES FOR GRADUATES

MET E 409 DISLOCATIONS AND MECHANICAL PROPERTIES OF METALS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

52046	LECT-DISC	2	M W F	305 M M B
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MET E 410 ADVANCED X-RAY METALLOGRAPHY.

PREREQUISITE: CHEM. 427, OR CONSENT OF INSTRUCTOR.

1 UNIT

52054	LECT-DISC	AKR		
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MET E 421 KINETICS OF PHASE CHANGES IN METALS.

PREREQUISITE: MET. E. 420 OR CONSENT OF INSTRUCTOR.

1 UNIT

52062	LECT-DISC	1	M W F	403 M M B
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MET E 485 METALLURGICAL ENGINEERING PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/4 TO 2 UNITS

52071 LECT-DISC ARR

MET E 486 LABORATORY INVESTIGATIONS IN METALLURGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/4 OR 1/2 UNIT

52089 LAB ARP

MET E 492 SEMINAR ON SURFACES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT

52097 CONF ARR

EHRlich

MET E 493 SEMINAR ON ANELASTICITY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT

52101 CONF A ARR

52119 CONF B ARR

52127 CONF C ARR

52135 CONF D ARR

52143 CONF E ARR

52151 CONF F ARR

52160 CONF G ARR

WERT
MORRAL
ROWLAND
ALTSTETTER
BIRNBAUM
LAWRENCE

MET F 494 SEMINAR ON PHASE TRANSFORMATIONS IN METALS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT

52178 CONF A 4 TU 305 M M B

52186 CONF B 4 TH 305 M M B

WAYMAN
LIEBERMAN

MET F 495 SEMINAR ON DIFFUSION AND IMPEFECTIONS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT

52194 CONF ARR

METZGER

MET F 497 SEMINAR ON ALLOY PHASES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT

52208 CONF 3 F 305 M M B

BECK

MET E 498 COLLOQUIUM IN PHYSICAL METALLURGY.

REQUIRED OF ALL GRADUATE STUDENTS IN METALLURGICAL ENGINEERING.

0 CREDIT

52216 LECT 4 W 119 M M B

MET E 499 THESIS RESEARCH.

0 TO 4 UNITS

52224 CONF ARR

MICROBIOLOGY

DEPARTMENT OFFICE

131 BUR HALL

MAJOR: BIOLOGY 110-111 AND TWENTY HOURS OF MICROBIOLOGY COURSES INCLUDING MICROBIOLOGY 200-201. BIOLOGY 210 AND 211 MAY BE SUBSTITUTED FOR MICROBIOLOGY COURSES. IN ADDITION, QUANTITATIVE AND ORGANIC CHEMISTRY, MATHEMATICS THROUGH TRIGONOMETRY AND ONE YEAR OF PHYSICS ARE REQUIRED. CREDIT MUST ALSO BE PRESENTED IN ONE COURSE TO BE SELECTED FROM CALCULUS, STATISTICS, OR COMPUTER SCIENCE, AND ONE COURSE TO BE SELECTED FROM PHYSICAL CHEMISTRY OR BIOCHEMISTRY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, ENTOMOLOGY, MATHEMATICS, PHYSICS, PHYSIOLOGY, AND ZOOLOGY. NO COURSE MAY APPLY TO BOTH THE MAJOR AND THE MINOR.

COURSES FOR UNDERGRADUATES

MCBIO 100 INTRODUCTORY MICROBIOLOGY.

*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200.

*3 HOURS

52232	LECT		2	M	W	F	151	E E B	BURKE
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MCBIO 101 INTRODUCTORY EXPERIMENTAL MICROBIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100.

*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201.

*2 HOURS

52241	LAB	A	10-12	M	W		242	BUR HALL	HELM AND
52259	LAB	B	3-5	M	W		242	BUR HALL	ASSISTANTS
52267	LAB	C	10-12	TU	TH		242	BUR HALL	
52275	LAB	D	1-3	TU	TH		242	BUR HALL	

COURSES FOR ADVANCED UNDERGRADUATES

MCBIO 200 MICROBIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY.

*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200.

*3 HOURS

52283	LECT		17	M	W	F	119	M M B	WACHSMAN
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MCBIO 201 EXPERIMENTAL MICROBIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100 OR 200 AND IN ORGANIC CHEMISTRY.

*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201.

*2 HOURS

52291	LAB	A	4-10	M	W	F	242	BUR HALL	WACHSMAN,
52305	LAB	B	1-3	M	W	F	242	BUR HALL	KRAMER AND
									ASSISTANTS

MCBIO 207 RESEARCH AND SPECIAL PROBLEMS.

PREREQUISITE: FIFTEEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE 10 HOURS.

*3 TO 5 HOURS.

52313	LAB-DISC		ARR					BUR HALL	STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MCBIO 300 COMPARATIVE MICROBIAL CHEMISTRY.

PREREQUISITE: CHEM. 350 OR EQUIVALENT.

2 HOURS OR 1/2 UNIT

52321	LECT		1	M	W		140	BUR HALL	WOLIN
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MCBIO 311 FOOD AND INDUSTRIAL MICROBIOLOGY.

PREREQUISITE: MCBIO. 101 OR 201 OR 300 OR EQUIVALENT AND CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

52336	LECT		1	M	W	F	124	BUR HALL	OPDAL
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ORDAL, HELM
AND ASSISTANTS

52372	LAB	B	1-4	TU TH	202	BUR	HALL
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KONISKY

DEMOSS

BLACK, MACLEOD
REICHMANN

COURSES FOR GRADUATES

CARI

STAFF

MEYER

DR A K F

STAFF

STAFF

MILITARY SCIENCE

DEPARTMENT OFFICE

111 ARMORY

BASIC MILITARY CURRICULUM

ENTERING MALE STUDENTS WHO ARE PHYSICALLY QUALIFIED AND WHO HAVE BEEN SELECTED FOR ENROLLMENT MUST, IN ADDITION TO REQUIRED MILITARY SCIENCE COURSES, REGISTER IN EITHER A NATURAL SCIENCE OR SOCIAL SCIENCE GENERAL EDUCATION SEQUENCE ACCEPTABLE TO THE MILITARY SCIENCE DEPARTMENT AND THE STUDENTS COLLEGE.

COURSES FOR UNDERGRADUATES

MIL S 100 LEADERSHIP LABORATORY (FIRST SEMESTER FRESHMEN ONLY).
 PREREQUISITE: APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 2 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION 3 FOR SPECIAL FORCES ONLY.

52488	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
52495	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 102 MILITARY MAP AND AERIAL PHOTOGRAPH ANALYSIS.
 PREREQUISITE: CREDIT OR REGISTRATION IN MIL. S. 101; REGISTRATION IN MIL. S. 125.
 1 HOUR

52500	LECT-DISC	A	10	M	300 ARMORY	NEAL
52514	LECT-DISC	A	1	M	300 ARMORY	NEAL
52526	LECT-DISC	C	9	TU	300 ARMORY	NEAL
52544	LECT-DISC	D	9	W	300 ARMORY	NEAL
52542	LECT-DISC	E	10	TH	300 ARMORY	NEAL

MIL S 103 INTRODUCTION TO TACTICS.
 PREREQUISITE: CREDIT OR REGISTRATION IN MIL. S. 101; REGISTRATION IN MIL. S. 125.
 1 HOUR

52551	LECT-DISC	A	11	M	313 ARMORY	OSBURN
52569	LECT-DISC	A	4	TU	313 ARMORY	OSBURN
52577	LECT-DISC	C	7	W	313 ARMORY	OSBURN
52585	LECT-DISC	D	2	TH	313 ARMORY	OSBURN
52594	LECT-DISC	E	9	F	313 ARMORY	OSBURN

MIL S 125 LEADERSHIP LABORATORY (SECOND SEMESTER FRESHMEN ONLY).
 PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
 FIELD TRIPS MAY BE REQUIRED.
 2 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
 TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION 3 FOR SPECIAL FORCES ONLY.

52607	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
52615	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 153 LEADERSHIP LABORATORY (FIRST SEMESTER SOPHOMORES ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION B FOR SPECIAL FORCES ONLY.

52623	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
52631	LAP	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 175 LEADERSHIP LABORATORY (SECOND SEMESTER SOPHOMORES ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION B FOR SPECIAL FORCES ONLY.

52640	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
52658	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

ADVANCED MILITARY CURRICULUM

SELECTED MALE STUDENTS WHO HAVE COMPLETED THE BASIC MILITARY COURSE OR ITS EQUIVALENT, AND WHO HAVE SATISFACTORILY PASSED PHYSICAL AND SCREENING EXAMINATIONS MAY APPLY FOR ENROLLMENT IN THE ADVANCED MILITARY CURRICULUM. EACH ADVANCED MILITARY CURRICULUM STUDENT IS PAID A SUBSISTENCE ALLOWANCE. HE MUST ATTEND ROTC SUMMER TRAINING CAMP BETWEEN HIS FIRST AND SECOND YEAR IN THE ADVANCED PROGRAM. SUCCESSFUL COMPLETION OF THE CURRICULUM BY SELECTED STUDENTS NORMALLY RESULTS IN A COMMISSION AS A SECOND LIEUTENANT, U. S. ARMY RESERVE. SELECTED STUDENTS MEETING THE REQUIREMENTS MAY BE COMMISSIONED IN THE REGULAR ARMY.

STUDENTS ENROLLED IN THE REQUIRED MILITARY SCIENCE COURSES MUST, IN ADDITION, ENROLL IN THE THIRD AND IN THE FOURTH YEAR IN AN APPROVED COURSE OF ANOTHER DEPARTMENT. SELECTION OF THESE COURSES MUST BE APPROVED BY THE MILITARY SCIENCE DEPARTMENT ADVISOR AND BE ACCEPTABLE TO THE STUDENTS MAJOR DEPARTMENT.

MIL S 200 LEADERSHIP LABORATORY (FIRST SEMESTER JUNIORS ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

0 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION B FOR SPECIAL FORCES ONLY.

52666	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
52674	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 202 INTRODUCTORY MILITARY OPERATIONS. (FUNDAMENTALS AND DYNAMICS OF THE MILITARY TEAM, I).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;

REGISTRATION IN MIL. S. 200 OR 225.

3 HOURS

52682	LECT-DISC	A	9	M	W	F	313	ARMORY	MARK
52691	LECT-DISC	B	10	M	W	F	313	ARMORY	BUCH
52704	LECT-DISC	C	1	M	W	F	313	ARMORY	BUCH
52712	LECT-DISC	D	9	TU			313	ARMORY	YAMASHITA
		D	9-11			TH	313	ARMORY	YAMASHITA
52721	LECT-DISC	F	1-3		TU		313	ARMORY	YAMASHITA
		F	1			TH	313	ARMORY	YAMASHITA

MIL S 210 MILITARY LAW AND ADMINISTRATIVE MANAGEMENT.

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;

REGISTRATION IN MIL. S. 250 OR 275.

1 HOUR

52739	LECT-DISC	A	9	M			313	ARMORY	TANNER
52747	LECT-DISC	B	2	M			313	ARMORY	TANNER
52755	LECT-DISC	C	10		TU		313	ARMORY	TANNER
52763	LECT-DISC	D	11			TH	313	ARMORY	TANNER
52771	LECT-DISC	E	11			F	313	ARMORY	TANNER

MIL S 211 PROSEMINAR.

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;

REGISTRATION IN MIL. S. 250 OR 275.

2 CREDITS

52780	DISC	A	11	M	300	ARMORY	ERNEST
	LECT	A	7-9PM	TU	101	ARMORY	ERNEST
52798	DISC	B	2	M	300	ARMORY	ERNEST
	LECT	B	7-9PM	TU	101	ARMORY	ERNEST
52901	DISC	C	10	TU	300	ARMORY	ERNEST
	LECT	C	7-9PM	TU	101	ARMORY	ERNEST
52810	DISC	D	1	TU	300	ARMORY	ERNEST
	LECT	D	7-9PM	TU	101	ARMORY	ERNEST
52829	DISC	E	11	W	300	ARMORY	ERNEST
	LECT	E	7-9PM	TU	101	ARMORY	ERNEST
52836	DISC	F	9	F	300	ARMORY	ERNEST
	LECT	F	7-9PM	TU	101	ARMORY	ERNEST

MIL S 225 LEADERSHIP LABORATORY (SECOND SEMESTER JUNIORS ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

1 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION B FOR SPECIAL FORCES ONLY.

52844	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
52852	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 250 LEADERSHIP LABORATORY (FIRST SEMESTER SENIORS ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

1 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION 3 FOR SPECIAL FORCES ONLY.

52861	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
52879	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 275 LEADERSHIP LABORATORY (SECOND SEMESTER SENIORS ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

1 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION 3 FOR SPECIAL FORCES ONLY.

52887	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
52895	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MINING ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR UNDERGRADUATES

MIN E 199 UNDERGRADUATE OPEN SEMINAR.
MAY BE REPEATED.
0 TO 9 HOURS
52909 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MIN E 302 WORLD MINERAL ECONOMICS.
PREREQUISITE: SENIOR STANDING.
3 HOURS, OR 3/4 OR 1 UNIT
52917 LECT-DISC 1 M W F 400 E H

MIN E 351 GEOPHYSICAL PROSPECTING.
SAME AS GEOL. 351.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR GEOLOGY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
52925 LECT-DISC 1 M W F 403 K M B

MIN E 356 ROCK MECHANICS.
PREREQUISITE: MIN. E. 351.
3 HOURS, OR 3/4 OR 1 UNIT
52933 LECT-DISC 11 M W F APR

MIN E 394 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 HOURS, OR 0 TO 1 UNIT
52941 CONF APR

COURSES FOR GRADUATES

MIN E 497 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 2 UNITS
52950 DISC 2 M W F APR

MIN E 499 THESIS RESEARCH.
0 TO 4 UNITS
52963 CONF APR

MODERN GREEK

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

M GKK 202 ELEMENTARY MODERN GREEK, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
5 HOURS
OPEN TO FRESHMEN.

52976	LECT-DISC	6PM	MTUW	113	D H	PAPANIKOLAOU
		6-730PM	TH	113	D H	
52984	LECT-DISC B	1	MTUWTH	216	L H	NAOUMIDES

M GKK 204 INTERMEDIATE MODERN GREEK, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
PREREQUISITE: M. GKK. 203 OR EQUIVALENT.
5 HOURS
OPEN TO FRESHMEN.

52992	LECT-DISC	9	M WTH	429	LIB	PAPANIKOLAOU
		9-11	TU	429	LIB	

MODERN HEBREW

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

M HBR 202 ELEMENTARY MODERN HEBREW, II.
PREREQUISITE: M. HBR. 201.
5 HOURS
STUDENTS MUST REGISTER FOR ONE LECTURE, ONE DISCUSSION AND ONE LAB.
OPEN TO FRESHMEN.

53009	LECT	10	W	432	ARMORY	BOLOZKY
53017	DISC	A	9-11	TU TH	430	ARMORY
53025	DISC	B	3-5	TU TH	432	ARMORY
53033	DISC	C	3-5	M W	432	ARMORY
						STAFF
						STAFF
						STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

M HBR 304 INTERMEDIATE MODERN HEBREW, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
PER WEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: M. HBR. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT
OPEN TO FRESHMEN.

53041	LECT-DISC	9	M W	103	N L	STAFF
		3	TU	103	N L	STAFF
		3-5	TH	103	N L	

M HBR 306 ADVANCED MODERN HEBREW, II.
PREREQUISITE: M. HBR. 305 OR EQUIVALENT.
5 HOURS OR 1 UNIT
OPEN TO FRESHMEN.

53050	LECT-DISC	3-5	M W	300	N L	BOLOZKY
		9	TH	312	D H	STAFF

M HBR 308 ADVANCED MODERN HEBREW, IV.
PREREQUISITE: M. HBR. 307 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT

53068	LECT-DISC	ARR				BOLOZKY
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MUSIC

DEPARTMENT OFFICE

100 S M H

COURSES FOR UNDERGRADUATES

MUSIC 100 FUNDIMENTS OF THEORY.

2 HOURS

53075	LECT-DISC	A	8	M W F	106	S M H	MADDEN
53084	LECT-DISC	B	9	M W F	106	S M H	MORGEN
53092	LECT-DISC	C	11	M W F	106	S M H	SARGENT

MUSIC 101 THEORY OF MUSIC, I.

PREREQUISITE: FOR NON-MUSIC STUDENTS, MUSIC 100 OR EQUIVALENT.

3 HOURS

*ADDITIONAL ONE-HALF HOUR LAB SESSIONS TO BE ARRANGED DAILY.

53106	LECT-DISC	A	*8	MTUWTHF	8	S A	
53114	LECT-DISC	B	*9	MTUWTHF	103	S M H	DARCY

MUSIC 102 THEORY OF MUSIC, II.

PREREQUISITE: MUSIC 101.

3 HOURS

53122	LECT-DISC	A	8	M W F	103	S M H	COLSON
53131	LECT-DISC	B	9	M W F	100	S H	BRUCE
53149	LECT-DISC	C	10	M W F	8	S A	BLATTER
53157	LECT-DISC	D	1	M W F	8	S A	BROOKS
53165	LECT-DISC	E	2	M W F	103	S M H	MADDEN
53173	LECT-DISC	F	3	M W F	106	S M H	GOODKIN
53181	LECT-DISC	G	8	M W F	104	1203 W NEV	SEKON

MUSIC 103 THEORY OF MUSIC, III.

PREREQUISITE: MUSIC 102.

3 HOURS

53190	LECT-DISC	A	9	M W F	8	S A	BROOKS
53203	LECT-DISC	B	3	M W F	103	S M H	BROOKS

MUSIC 104 THEORY OF MUSIC, IV.

PREREQUISITE: MUSIC 103.

3 HOURS

53211	LECT-DISC	A	8	M W F	102	S H	DUCKWORTH
53220	LECT-DISC	B	9	M W F	102	S H	BLATTER
53238	LECT-DISC	C	10	M W F	102	S H	NEWELL
53246	LECT-DISC	D	1	M W F	100	S H	MORGAN
53254	LECT-DISC	E	2	M W F	100	S H	NEWELL
53262	LECT-DISC	F	3	M W F	8	S A	EBERHARD

MUSIC 106 COMPOSITION.

PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM OR CONSENT OF COMPOSITION FACULTY.

2 HOURS

53271	CONF	A	ARR		201	T A	BINKERD
53289	CONF	B	ARR		305	S H	POWELL
53297	CONF	C	ARR		200	T A	KELLY
53301	CONF	D	ARR		203	T A	FREDRICKSON
53319	CONF	E	ARR		202	T A	JOHNSTON
53327	CONF	F	ARR		302	S H	BRUN
53335	CONF	G	ARR		303	S H	ZONN

MUSIC 107 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, I.

PREREQUISITE: MUSIC 101.

1 HOUR

53343	LAB-DISC	A	8	TU TH	103	S M H	COLSON
53351	LAB-DISC	B	9	TU TH	100	S H	BRUCE
53360	LAB-DISC	C	10	TU TH	8	S A	BLATTER
53378	LAB-DISC	D	1	TU TH	8	S A	BROOKS
53386	LAB-DISC	E	2	TU TH	103	S M H	MADDEN
53394	LAB-DISC	F	3	TU TH	106	S M H	GOODKIN
53408	LAB-DISC	G	8	TU TH	104	1203 W NEV	SEKON

MUSIC 108 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, II.

PREREQUISITE: MUSIC 107.

1 HOUR

53416	LAB-DISC	A	9	TU TH	8	S A	BROOKS
53424	LAB-DISC	B	3	TU TH	103	S M H	BROOKS

MUSIC 109 EAR TRAINING, SIGHT SINGING AND KEYBOARD HARMONY, III.

PREREQUISITE: MUSIC 108.

1 HOUR

53432	LAB-DISC	A	9	TU TH	102	S H	DUCKWORTH
53441	LAB-DISC	B	9	TU TH	102	S H	BLATTER
53459	LAB-DISC	C	10	TU TH	102	S H	NEWELL
53467	LAB-DISC	D	1	TU TH	100	S H	MORGAN
53475	LAB-DISC	E	2	TU TH	100	S H	NEWELL
53483	LAB-DISC	F	3	TU TH	8	S A	EBERHARD

MUSIC 110 BASIC MUSIC LITERATURE.

REQUIRED IF FRESHMEN IN MUSIC.

2 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

53491	LECT		10	M W	104	1203 W NEV	BYRNSIDE
53505	QUIZ	A	7PM	TU TH	100	S H	
53513	QUIZ	B	9	M W	116	1203 W NEV	

MUSIC 115 INTRODUCTION TO OPERA.

PREREQUISITE: SOPHOMORE STANDING.

2 HOURS

53521	LECT-DISC	A	2	M W	25	S M H	ZIRNER
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MUSIC 123 THE THEORY AND HISTORY OF MUSIC, IV.

PREREQUISITE: MUSIC 122 AND CONSENT OF INSTRUCTOR.

6 HOURS

53530	LECT-DISC	A	1-3	MTWTHF	106	S M H	BRUCE, I. THOMAS, DARCY
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MUSIC 130 INTRODUCTION TO THE ART OF MUSIC, I.

FOR NON-MUSIC STUDENTS ONLY.

4 HOURS

STUDENTS IN LECTURE A1 MUST REGISTER FOR ONE QUIZ, A THRU E.

STUDENTS IN LECTURE B1 MUST REGISTER FOR ONE QUIZ, F THRU I.

53548	LECT	A1	11	M W F	25	S M H	BYRNSIDE
53602	LECT	B1	2	M W F	62	K M H	HOCK
53556	QUIZ	A	4	M W	103	S M H	
53564	QUIZ	B	4	TU TH	103	S M H	
53572	QUIZ	C	2	M W	102	S H	
53581	QUIZ	D	12	M W	104	1203 W NEV	
53599	QUIZ	E	12	TU TH	104	1203 W NEV	
53611	QUIZ	F	7PM	M W	100	S H	
53629	QUIZ	G	7PM	TU TH	102	S H	
53637	QUIZ	H	11	M W	103	S M H	
53645	QUIZ	I	11	TU TH	104	1203 W NEV	

MUSIC 131 INTRODUCTION TO THE ART OF MUSIC, II.

FOR NON-MUSIC STUDENTS ONLY.

PREREQUISITE: MUSIC 130.

4 HOURS

NOTE: STUDENTS IN LECTURE A1 MUST REGISTER IN ONE QUIZ, A THRU D;

THOSE IN LECTURE B1 MUST REGISTER IN ONE QUIZ, E THRU H.

53653	LECT	A1	2	M W F	25	S M H	WARD
53700	LECT	B1	4	M W F	25	S M H	WARD
53661	QUIZ	A	7PM	M W	104	1203 W NEV	
53670	QUIZ	B	7PM	TU TH	104	1203 W NEV	
53688	QUIZ	C	11	M W	116	1203 W NEV	
53696	QUIZ	D	11	TU TH	116	1203 W NEV	
53718	QUIZ	F	8PM	M W	104	1203 W NEV	
53726	QUIZ	F	12	M W	106	S M H	
53734	QUIZ	G	12	TU TH	106	S M H	
53742	QUIZ	H	8PM	TU TH	104	1203 W NEV	

MUSIC 134 AFRO-AMERICAN MUSIC.

PREREQUISITE: MUSIC 130 OR CONSENT OF INSTRUCTOR.

3 HOURS.

53751	LECT-DISC	A	11	M W F	104	1203 W NEV	HOCK
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MUSIC 142 ELEMENTS OF CONDUCTING.

PREREQUISITE: SOPHOMORE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.

2 HOURS

53769	LECT-DISC	A	9	M W F	167	BAND	DUKER
53777	LECT-DISC	B	2	M W F	167	RHASEL KRAV	PAINTER
53785	LECT-DISC	C	10	M W F	116	1203 W NEV	BERGETHON

MUSIC 179 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

TOPICS: SECTION A: WEST AFRICAN DRUMMING; CREDIT 1 HOUR.

SECTION B: AFRO-AMERICAN MUSIC; CREDIT 3 HOURS.

53793 LAB-DISC A 6:30-8PM W 25 S M H

AMDAKU

COURSES FOR ADVANCED UNDERGRADUATES

MUSIC 200 INSTRUMENTATION, I.

PREREQUISITE: SENIOR STANDING IN MUSIC.

2 HOURS

53407 LECT-DISC A 10 TU TH 100 S H
53415 LECT-DISC B 2 TU TH 203 T A

POWELL
FREDRICKSON

MUSIC 201 INSTRUMENTATION, II.

REQUIRED OF COMPOSITION MAJORS.

PREREQUISITE: MUSIC 200 OR CONSENT OF INSTRUCTOR.

2 HOURS

53923 CONF A ARR

COMPOSITION
FACULTY

MUSIC 214 THE HISTORY OF MUSIC, II.

REQUIRED OF SOPHOMORES IN MUSIC.

PREREQUISITE: MUSIC 213.

3 HOURS

STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

53831 LECT 1 M W F 25 S M H
53840 QUIZ A 4 M W 106 S M H
53858 QUIZ B 4 TU TH 106 S M H
53866 QUIZ C 7PM M W 106 S M H
53874 QUIZ D 7PM TU TH 106 S M H

MACDONALD

MUSIC 229 THESIS AND ADVANCED UNDERGRADUATE HONORS IN MUSIC.

PREREQUISITE: SENIOR STANDING IN THE HISTORY OF MUSIC OR COMPOSITION-THEORY, OR CONSENT OF INSTRUCTOR.

2 HOURS

*HONORS SECTION.

53882 CONF A ARR

KELLY, KELLMAN
AND STAFF

53891 CONF *EB ARR

MUSIC 230 CHORAL LITERATURE AND CONDUCTING, I.

PREREQUISITE: MUSIC 142.

2 HOURS

53904 LAB-DISC A 10 M W F CHOS RHRS L KRN
A 11 M W F CHOS RHRS L KRN

OLSON

MUSIC 231 CHORAL LITERATURE AND CONDUCTING, II.

PREREQUISITE: MUSIC 230.

2 HOURS

53912 LAB-DISC A 10 M W F A ENSEMBLE KRN
A 11 M W F CHOS RHRS L KRN
53921 LAB-DISC B 10 M W F B ENSEMBLE KRN
B 11 M W F CHOS RHRS L KRN

J. SMITH

WILSON

MUSIC 233 INSTRUMENTAL LITERATURE AND CONDUCTING, II.

PREREQUISITE: MUSIC 142.

2 HOURS

53939 LAB-DISC A 10 M W 5 S M H
A 10 TU THF 167 BAND

PAINTER

MUSIC 240 MUSIC FOR ELEMENTARY TEACHERS, I.

PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION OR CONSENT OF INSTRUCTOR. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.

3 HOURS

STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.

NOTE: LECTURE A1 DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST REGISTER FOR QUIZ A OR B. LECTURE P1 DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST REGISTER FOR QUIZ C.

53947 LECT A1 12 TH S M H
53971 LECT B1 12 W S M H
53955 QUIZ A 4 M W 102 S H
53963 QUIZ B 4 TU TH 100 S H
53980 QUIZ C 2 TU TH 102 S H

R. ...
R. ...

MUSIC 241 MUSIC FOR ELEMENTARY TEACHERS, II.

PREREQUISITE: MUSIC 240. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.

3 HOURS

STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.
NOTE: LECTURE A1 DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST REGISTER FOR ONE QUIZ FROM SECTIONS C, D, F, G, OR H. LECTURE B1 DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST REGISTER FOR ONE QUIZ FROM SECTIONS A, B OR F.

53998	LECT	A1	12	TU	25	S	M	H	R. SMITH
54055	LECT	B1	12	M	25	S	M	H	R. THOMAS
54063	QUIZ	A	3	M	W	100	S	H	
54071	QUIZ	R	3	M	W	102	S	H	
54084	QUIZ	C	3	TU	TH	100	S	H	
54012	QUIZ	D	3	TU	TH	102	S	H	
54080	QUIZ	F	4	M	W	100	S	H	
54021	QUIZ	F	4	TU	TH	102	S	H	
54039	QUIZ	G	11	TU	TH	100	S	H	
54047	QUIZ	H	11	TU	TH	102	S	H	
54098	QUIZ	I	1	TU	TH	102	S	H	

MUSIC 242 TEACHING MUSIC IN THE ELEMENTARY SCHOOL.

PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.

3 HOURS

54101	LECT-DISC	A	2	M	W	F	104	1203	W	NEV	R. THOMAS
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MUSIC 243 TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.

PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.

3 HOURS

NOTE: ONE ADDITIONAL HOUR TO BE ARRANGED.

54110	LECT-DISC	A	*2	M	W		116	1203	W	NEV	LEONHARD
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MUSIC 244 TEACHING OF INSTRUMENTAL MUSIC.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS

*SECTION A--FOR THE INSTRUMENTAL EMPHASIS PROGRAM.

*SECTION B--FOR THE CHORAL EMPHASIS PROGRAM.

WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

54124	LAB-DISC	*A	2	MTUWTH	5	S	M	H	PETERS
		*A	11	W	5	S	M	H	
54135	LAB-DISC	*B	1	MTUWTH	5	S	M	H	PETERS
		*B	11	W	5	S	M	H	

MUSIC 245 CHORAL ARRANGING.

PREREQUISITE: JUNIOR STANDING IN MUSIC.

2 HOURS

54144	LECT-DISC	A	1	TU	TH	116	1203	W	NEV	PEXTON
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MUSIC 246 TEACHING OF CHORAL MUSIC.

PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.

2 HOURS

WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

54152	LAB-DISC	A	3	MTUWTH	25	S	M	H	GONZO
		A	11	M	F	CHOS	RHRS	L KRN	
54161	LAB-DISC	B	3	MTUWTH	104	1203	W	NEV	SPENCE
		B	11	M	F	CHOS	RHRS	L KRN	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 301 FUGUE.

PREREQUISITE: MUSIC 300 AND/OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

54179	LECT-DISC	A	1	M	W	F	104	1203	W	NEV	HUNTER
54187	LECT-DISC	B	2	M	W	F	8	S	A		KELLY
54195	LECT-DISC	C	3	M	W	F	116	1203	W	NEV	NEWELL

MUSIC 302 MUSICAL ACOUSTICS, I.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT

54209	LAB-DISC	A	1	M	W		102	S	H	BEAUCHAMP
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MUSIC 304 CONTEMPORARY COMPOSITIONAL TECHNIQUES.

PREREQUISITE: MUSIC 104, 106, 109, OR CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT

*SECTION A: COMPOSITION FOR DANCE.

*SECTION B: COMPOSITION WITH COMPUTER.

*SECTION C: COMPOSITION FOR JAZZ GROUPS.

54217	LECT-DISC *A	APP	206	T A	BRISCH
54225	LECT-DISC *B	11	M W	1 S H	BRUN
54233	LECT-DISC *C	APP	205	T A	POWELL

MUSIC 306 COMPOSITION.

PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM

OR CONSENT OF COMPOSITION FACULTY.

2 TO 4 HOURS, OR 1/2 OR 1 UNIT

54241	CONF	A	APP	201	T A	SINKERD
54250	CONF	B	APP	305	S H	POWELL
54268	CONF	C	APP	200	T A	KELLY
54276	CONF	D	APP	203	T A	FREDRICKSON
54284	CONF	E	APP	202	T A	JOHNSTON
54292	CONF	F	APP	302	S H	BRUN
54306	CONF	G	APP	303	S H	ZINN

MUSIC 307 COUNTERPOINT OF THE FIFTEENTH AND SIXTEENTH CENTURIES, I.

PREREQUISITE: JUNIOR STANDING IN MUSIC, OR CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT

54314	LECT-DISC	A	4	M W	R S A	SINKERD
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MUSIC 308 ANALYSIS OF MUSICAL FORM.

PREREQUISITE: MUSIC 104 AND 109, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

54322	LECT-DISC	A	1	M W F	103 S M H	FARRELL
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MUSIC 311 MUSIC IN THE RENAISSANCE.

PREREQUISITE: MUSIC 131 OR 214 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

*TWO ADDITIONAL HOURS MAY BE ARRANGED IN THE LISTENING LABORATORY AT 7-9 PM TUESDAY, ROOM 25 SMITH MEMORIAL HALL.

54331	LECT-DISC	A	*10	M W F	106 S M H	WARD
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MUSIC 313 MUSIC OF THE EIGHTEENTH CENTURY.

PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

*TWO ADDITIONAL HOURS MAY BE ARRANGED IN THE LISTENING LABORATORY AT 7-9 PM THURSDAY, ROOM 25 SMITH MEMORIAL HALL.

54349	LECT-DISC	A	9	M W F	116 1203 W NEV	FRIJN
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MUSIC 315 MUSIC OF THE TWENTIETH CENTURY.

PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

54357	LECT-DISC	A	10	M W F	25 S M H	MACDONALD
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MUSIC 316 INTRODUCTION TO MUSIC OF THE WORLD'S CULTURES.

SAME AS ANTH. 316.

FOR STUDENTS OUTSIDE THE SCHOOL OF MUSIC.

PREREQUISITE: ANTH. 103 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

54365	LECT-DISC	A	9	M W F	104 1203 W NEV	NETTL
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MUSIC 317 AREA STUDIES IN ETHNOMUSICOLOGY.

SAME AS ANTH. 315.

PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE 12 HOURS, OR 2 UNITS

*3 HOURS OR 1/2 UNIT

TOPIC: LATIN-AMERICAN FOLK MUSIC.

54373	LECT-DISC	A	1	M W F	101 H A	BEHAGUE
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MUSIC 319 HISTORY OF PERFORMANCE PRACTICES, II.

PREREQUISITE: SENIOR STANDING IN MUSIC THEORY AND MUSIC HISTORY OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

54381	LECT-DISC	A	1	TU TH	103 S M H	HUNTER
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MUSIC 330 APPLIED MUSIC PEDAGOGY.
 PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 4 HOURS, OR 1 UNIT
 *2 HOURS OR 1/2 UNIT
 SECTION A IS FOR PIANO MAJORS. SECTION B IS FOR STRING MAJORS.
 SECTION C IS FOR VOICE MAJORS.

54390	LAB-DISC	A	10-12	F	5	P A	BERENSON, LYKE MILLER STRING FACULTY BURDETTE AND VOICE FACULTY
54403	LAB-DISC	B	4-6	TH	202	S A	
54411	LAB-DISC	C	9-11	TH	200A	S M H	

MUSIC 335 THE MUSIC OF AMERICA, II.
 PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

54420	LECT-DISC	A	11	M W F	201	H A	BEHAGUE
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MUSIC 343 TESTS AND MEASUREMENT IN MUSIC EDUCATION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 OR 4 HOURS, OR 1/2 OR 1 UNIT

54438	LECT-DISC	A	3	TU TH	116	1203 W NEV	COLWELL
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MUSIC 345 TEACHING TECHNIQUES OF MUSIC THEORY.
 PREREQUISITE: MUSIC 300 OR CONSENT OF INSTRUCTOR.
 2 HOURS OR 1/2 UNIT

54446	LECT-DISC	A	2	M W	101	H A	CARTER
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MUSIC 346 WORKSHOP IN MUSIC EDUCATION.
 PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR
 CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE TWO UNITS.
 *2 OR 4 HOURS, OR 1/2 OR 1 UNIT
 SECTION A TOPIC: ELEMENTARY AND JUNIOR HIGH INSTRUMENTAL MUSIC.
 SECTION B TOPIC: MUSIC IN THE ELEMENTARY SCHOOL.

54454	LAB-DISC	A	3	MTUWTHF	5	S M H	PETERSON
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COURSES FOR GRADUATES

MUSIC 406 COMPOSITION.
 1/2 TO 1 1/2 UNITS

54462	CONF	A	ARR	201	T A	BINKERD
54471	CONF	B	ARR	200	T A	KELLY
54489	CONF	C	ARR	203	T A	FREDRICKSON
54497	CONF	D	ARR	202	T A	JOHNSTON
54501	CONF	E	ARR	302	S H	BRUN
54519	CONF	F	ARR	303	S H	ZONN
54527	CONF	G	ARR	205	T A	POWELL

MUSIC 413 HISTORY OF MUSICAL AESTHETICS, II.
 PREREQUISITE: MUSIC 412.
 1/2 OR 1 UNIT

54535	LECT-DISC	A	9-12	TH	101	H A	RINGER
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MUSIC 415 NOTATION, II.
 PREREQUISITE: MUSIC 414 OR CONSENT OF INSTRUCTOR.
 1/2 UNIT

54543	LECT-DISC	A	3-5	W	201	H A	I. THOMAS
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MUSIC 423 SEMINAR IN MUSICOLOGY.
 PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY AND MUSIC 321 OR
 CONSENT OF INSTRUCTOR.
 1 UNIT

54551	LECT-DISC	A	2-5	TU	201	H A	NETTL
54560	LECT-DISC	B	2-5	M	201	H A	KELLMAN

MUSIC 425 ADVANCED ORCHESTRA CONDUCTING AND LITERATURE.
 PREREQUISITE: PREVIOUS CONDUCTING EXPERIENCE.
 1 UNIT

54578	LECT-DISC	A	11	W F	100	S H	GOJDMAN
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MUSIC 433	ADVANCED CHORAL LITERATURE AND CONDUCTING.						
	PREREQUISITE: GRADUATE STANDING IN MUSIC, MUSIC 432 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
54586	LECT-DISC	A	1-3	TU TH	CHNS RHSL KRN	ARMSTRONG	
		A	11	M F	CHNS RHSL KRN		
MUSIC 434	PIANO LITERATURE.						
	PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.						
	*STUDENTS MAY ACCUMULATE TWO UNITS.						
	*1 UNIT						
54594	LECT-DISC	A	2-4	TU TH	206 S M H	STRAVINSKY	
MUSIC 435	VOCAL LITERATURE.						
	PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.						
	*STUDENTS MAY ACCUMULATE TWO UNITS.						
	*1 UNIT						
54608	LECT-DISC	A	1-3	W F	215 S M H	DALHEIM	
MUSIC 436	ORGAN LITERATURE.						
	PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.						
	*STUDENTS MAY ACCUMULATE TWO UNITS.						
	*1 UNIT						
54616	LECT-DISC	A	APR		200 S M H	PETTINGA	
MUSIC 437	STRING INSTRUMENT LITERATURE.						
	PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.						
	*STUDENTS MAY ACCUMULATE TWO UNITS.						
	*1 UNIT						
54624	LECT-DISC	A	2-4	TU TH	102 S A	FARRELL	
MUSIC 438	WIND INSTRUMENT LITERATURE.						
	STUDENTS MAY ACCUMULATE TWO UNITS.						
	1 UNIT						
	*SECTION A---WOODWIND AND SECTION F---BRASS.						
54632	LECT-DISC	*A	2-4	M W	2 S M H	EDELFSEN	
54641	LECT-DISC	*B	9-11	TU TH	141 BAND	KISINGER	
MUSIC 439	PERCUSSION INSTRUMENT LITERATURE.						
	PREREQUISITE: GRADUATE STANDING IN THE SCHOOL OF MUSIC AND CONSENT OF INSTRUCTOR.						
	*STUDENTS MAY ACCUMULATE TWO UNITS.						
	*1 UNIT						
54659	CONF	A	ARR		6 S M H	MCKENZIE	
MUSIC 441	FOUNDATIONS AND PRINCIPLES OF MUSIC EDUCATION, II.						
	1/2 OR 1 UNIT						
54667	LECT-DISC	A	9-11	TU	104 1203 W NEV	LEONHARD	
MUSIC 442	THE GENERAL MUSIC PROGRAM IN SECONDARY SCHOOLS.						
	PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION.						
	1/2 OR 1 UNIT						
54675	LECT-DISC	A	1-3	TU	104 1203 W NEV	LEONHARD	
MUSIC 443	ADMINISTRATION AND SUPERVISION OF MUSIC EDUCATION.						
	PREREQUISITE: GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION.						
	1/2 OR 1 UNIT						
54683	LECT-DISC	A	10	TU TH	116 1203 W NEV	BERGETHUN	
MUSIC 447	SEMINAR IN EXPERIMENTAL MUSIC, II.						
	PREREQUISITE: MUSIC 446 OR CONSENT OF INSTRUCTOR.						
	1/2 UNIT						
54691	LAB-DISC	A	11	M W	102 S H	BRUN	
MUSIC 451	HISTORY OF VOCAL ENSEMBLE AND CHORAL MUSIC, II.						
	1 UNIT						
54705	LECT-DISC	A	9-11	TU TH	201 H A	J. SMITH	

APPLIED MUSIC

NOTE: STUDENTS IN MUSIC CURRICULA RECEIVE THREE OR FOUR HOURS FOR THEIR MAJOR OR PRINCIPAL SUBJECT.

AS A PART OF THE REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE, SENIOR STUDENTS MUST PRESENT A PUBLIC RECITAL WHICH MEETS WITH SCHOOL OF MUSIC FACULTY APPROVAL AND CONFORMS WITH DEPARTMENTAL REQUIREMENTS.

MUSIC STUDENTS RECEIVE TWO HOURS CREDIT FOR THEIR MINOR OR SECONDARY SUBJECT.

STUDENTS FROM OTHER COLLEGES RECEIVE TWO HOURS CREDIT FOR WORK IN APPLIED MUSIC IF IN ACCORDANCE WITH THE REGULATIONS OF THEIR COLLEGE.

PASSING OF A PERFORMING EXAMINATION IS REQUIRED AS A PREREQUISITE TO THE INITIAL REGISTRATION IN ANY APPLIED MUSIC COURSE.

APPLIED MUSIC COURSES FOR UNDERGRADUATES

MUSIC 180 PIANO.

2 OR 4 HOURS

54713	CONF	A	ARR	209	S M H	KARP
54721	CONF	B	ARR	204	S M H	RICHARDS
54730	CONF	C	ARR	112	S M H	FLETCHER
54749	CONF	D	ARR	206	S M H	STRAVINSKY
54756	CONF	E	ARR	202	S H	BAKER
54764	CONF	F	ARR	205	S M H	HEILES
54772	CONF	G	ARR	201	S M H	SHAPIRO
54781	CONF	H	ARR	205	S H	KELLER
54799	CONF	I	ARR	103	P A	COBB
54802	CONF	J	ARR	104	P A	HESLA
54811	CONF	K	ARR	103	P A	HURT
54829	CONF	L	ARR	104	P A	RAZAO
54837	CONF	M	ARR	205	P A	PINZARRONE

MUSIC 181 VOICE.

2 OR 3 HOURS

54845	CONF	A	ARR	203	S M H	BAILEY
54853	CONF	B	ARR	207	S M H	ELYN
54861	CONF	C	ARR	202	S M H	CLARK
54870	CONF	D	ARR	211	S M H	HEGLUND
54888	CONF	E	ARR	210	S M H	NOTH
54896	CONF	F	ARR	200A	S M H	W. MILLER
54900	CONF	G	ARR	200B	S M H	BURDETTE
54918	CONF	H	ARR	204	S H	VICKERMAN
54926	CONF	I	ARR	210	S H	WILSON
54934	CONF	J	ARR	206	S H	CRAWFORD
54942	CONF	K	ARR	113	S M H	ZASTROW
54951	CONF	L	ARR	203	S H	LAQUET
54969	CONF	M	ARR	201	S H	STONE
54977	CONF	N	ARR	203	S H	THORNE

MUSIC 182 ORGAN.

2 OR 4 HOURS

54985	CONF	A	ARR	200	S M H	PETTINGA
54993	CONF	C	ARR	105	S M H	BAKKEN

MUSIC 183 VIOLIN.

2 OR 4 HOURS

55026	CONF	A	ARR	202	S A	MELKUS
55000	CONF	B	ARR	208	S A	SCHMITT
55018	CONF	C	ARR	205	S A	FARMER

MUSIC 184 VIOLA.

2 OR 4 HOURS

55034	CONF	A	ARR	203	S A	MAGERS
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MUSIC 185 CELLO.

2 OR 4 HOURS

55042	CONF	A	ARR	201	S A	SWENSON
55051	CONF	B	ARR	105	S A	FARRELL

MUSIC 186	STRING BASS.					
2 OR 4 HOURS						
55069	CONF	A	ARR	9	S M H	KROLICK
MUSIC 187	FLUTE.					
2 OR 4 HOURS						
55077	CONF	A	ARR	2-122	KRAN PERK	DELANEY
55085	CONF	B	ARR	10	S M H	TESSIN
55093	CONF	C	ARR	2-122	KRAN PERK	HOWELL
MUSIC 188	CLARINET.					
2 OR 4 HOURS						
55107	CONF	A	ARR	11	S M H	MCDONWELL
55115	CONF	B	ARR	12	S M H	COGGINS
55123	CONF	C	ARR	12	S M H	LEEDY
MUSIC 189	OBOE.					
2 OR 4 HOURS						
55131	CONF	A	ARR	2	S M H	EDLEFSEN
MUSIC 190	BASSOON.					
2 OR 4 HOURS						
55140	CONF	A	ARR	105	S H	
MUSIC 191	CORNET AND TRUMPET.					
2 OR 4 HOURS						
55158	CONF	A	ARR	14	S M H	SEXTON
55166	CONF	B	ARR	12	S M H	SEEMAN
55174	CONF	C	ARR	12	S M H	TASA
MUSIC 192	FRENCH HORN.					
2 OR 4 HOURS						
55182	CONF	A	ARR	4	S M H	HOLDEN
MUSIC 193	TROMBONE.					
2 OR 4 HOURS						
55191	CONF	A	ARR	8	S M H	GRAY
MUSIC 194	BARITONE.					
2 OR 4 HOURS						
55204	CONF	A	ARR	206	P A	PERANTONI
MUSIC 195	TUBA.					
2 OR 4 HOURS						
55212	CONF	A	ARR	206	P A	PERANTONI
MUSIC 196	PERCUSSION.					
2 OR 4 HOURS						
55221	CONF	A	ARR	6	S M H	SIWE
55239	CONF	B	ARR	6	S M H	FAIRCHILD
MUSIC 197	HARP.					
2 OR 4 HOURS						
55247	CONF	A	ARR	113	S M H	ROSENFELD
MUSIC 198	ALTO SAXOPHONE.					
2 OR 4 HOURS						
55255	CONF	A	ARR	12	S M H	COGGINS

MUSIC 102	HARPSICHORD.					
2 OR 4 HOURS						
55263	CONF	A	APR	101	S M H	HUNTER

APPLIED MUSIC COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PREREQUISITE: FOR STUDENTS IN THE BACHELOR OF MUSIC CURRICULUM, JUNIOR STANDING IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN MUSIC EDUCATION, COMPLETION OF THE CURRICULAR REQUIREMENT IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY, COMPLETION OF FOUR SEMESTERS IN THE COMPARABLE APPLIED MUSIC COURSE AT THE 100 LEVEL. QUALIFYING EXAM FOR TRANSFER STUDENTS.

MUSIC 387	PIANO.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55271	CONF	A	ARR	209	S M H	KARP
55281	CONF	B	ARR	204	S M H	RICHARDS
55298	CONF	C	ARR	112	S M H	FLETCHER
55301	CONF	D	ARR	206	S M H	STRAVINSKY
55310	CONF	F	ARR	202	S H	BAKER
55328	CONF	F	ARR	205	S M H	HEILES
55336	CONF	G	ARR	201	S M H	SHAPIRO

MUSIC 381	VOICE.					
2 OR 3 HOURS, OR 1/2 OR 1 UNIT						
55344	CONF	A	ARR	203	S M H	BAILEY
55352	CONF	B	ARR	207	S M H	ELYN
55361	CONF	C	ARR	202	S M H	CLARK
55379	CONF	D	ARR	211	S M H	HEDLUND
55387	CONF	E	ARR	210	S M H	NOTH
55395	CONF	F	ARR	200A	S M H	W. MILLER
55404	CONF	G	ARR	210B	S M H	BURDETTE
55417	CONF	H	ARR	204	S H	VICKERMAN
55425	CONF	I	ARR	210	S H	WILSON
55433	CONF	J	ARR	206	S H	CRAWFORD
55441	CONF	K	ARR	113	S M H	ZASTROW

MUSIC 382	ORGAN.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55450	CONF	A	ARR	200	S M H	PETTINGA

MUSIC 383	VIOLIN.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55484	CONF	A	ARR	202	S A	MELKUS
55486	CONF	B	ARR	208	S A	SCHMITT
55476	CONF	C	ARR	205	S A	FARMER

MUSIC 384	VIOLA.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55492	CONF	A	ARR	203	S A	MAGERS

MUSIC 385	CELLO.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55506	CONF	A	ARR	201	S A	SWENSON
55514	CONF	B	ARR	105	S A	FARRELL

MUSIC 386	STRING BASS.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55522	CONF	A	ARR	9	S M H	KRILICK

MUSIC 387	FLUTE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55531	CONF	A	ARR	2-122	KRAN PERF	DELANEY

MUSIC 388	CLARINET.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55549	CONF	A	ARR	11	S M H	MCDJWELL
55557	CONF	P	ARR	12	S M H	COGGINS

MUSIC 389	TRUMPET.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55565	CONF	A	ARR	2	S M H	EDLEFSEN

MUSIC 390	BASSOON.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55573	CONF	A	ARR	105	S H	
MUSIC 391	CORNET AND TRUMPET.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55581	CONF	A	ARR	14	S M H	SEXTON
MUSIC 392	FRENCH HORN.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55590	CONF	A	ARR	4	S M H	HOLDEN
MUSIC 393	TROMBONE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55603	CONF	A	ARR	8	S M H	GRAY
MUSIC 394	HARPITONE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55611	CONF	A	ARR	206	P A	PERANTONI
MUSIC 395	TUBA.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55620	CONF	A	ARR	206	P A	PERANTONI
MUSIC 396	PERCUSSION.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55638	CONF	A	ARR	6	S M H	SIWE
55646	CONF	B	ARR	6	S M H	FAIRCHILD
MUSIC 397	HARP.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55654	CONF	A	ARR	113	S M H	ROSENFELD
MUSIC 398	SAXOPHONE.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55662	CONF	A	ARR	12	S M H	COGGINS
MUSIC 399	HARPSICHORD.					
2 OR 4 HOURS, OR 1/2 OR 1 UNIT						
55671	CONF	A	ARR	101	S M H	HUNTER

APPLIED MUSIC COURSES FOR GRADUATES

MUSIC 400	PIANO.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
55689	CONF	A	ARR	209	S M H	KARP
55697	CONF	B	ARR	204	S M H	RICHARDS
55701	CONF	C	ARR	112	S M H	FLETCHER
55719	CONF	D	ARR	206	S M H	STRAVINSKY
55727	CONF	F	ARR	202	S H	BAKER
55735	CONF	F	ARR	205	S M H	HEILES
55743	CONF	G	ARR	201	S H	SHAPIRO
MUSIC 401	VOICE.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
55751	CONF	A	ARR	203	S M H	BAILEY
55760	CONF	F	ARR	207	S M H	ELYN
55778	CONF	C	ARR	202	S M H	CLARK
55786	CONF	D	ARR	211	S M H	HEDLUND
55794	CONF	E	ARR	210	S M H	NOTH
55808	CONF	F	ARR	200A	S M H	W. MILLER
55816	CONF	G	ARR	200B	S M H	HURDETTE
55824	CONF	I	ARR	210	S H	WILSON
55832	CONF	J	ARR	206	S H	CRAWFORD

MUSIC 483	ORGAN.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
55851	CONF	A	ARR	200	S M H	PETTINGA
MUSIC 484	STRING INSTRUMENTS.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
55859	CONF	A	ARR	9	S M H	KROLICK AND STRING FACUL
MUSIC 484	WIND INSTRUMENTS.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
55867	CONF	A	ARR	11	S M H	MCDOWELL AND WIND FACULTY
MUSIC 485	PERCUSSION INSTRUMENTS.					
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.						
1/2 OR 1 UNIT						
55875	CONF	A	ARR	6	S M H	SIWE
MUSIC 486	ADDITIONAL PROJECTS.					
OPEN ONLY TO STUDENTS IN THE MAJOR OF MUSICAL ARTS PROGRAM.						
PREREQUISITE: CONSENT OF INSTRUCTOR.						
1 TO 3 UNITS						
55884	CONF	A	ARR	210	1203 W NEV	GRADUATE FACULTY
MUSIC 487	THESIS RESEARCH.					
PREREQUISITE: CONSENT OF ADVISOR.						
1 TO 4 UNITS						
55891	CONF	A	ARR	210	1203 W NEV	GRADUATE FACULTY

SUPPLEMENTARY INSTRUMENTS

NOTE: THESE COURSES ARE OPEN AS ELECTIVES TO STUDENTS FROM OTHER COLLEGES. IN COURSES INVOLVING TWO INSTRUMENTS, TWO DAYS A WEEK ARE SPENT ON EACH INSTRUMENT FOR THE ENTIRE SEMESTER. PREREQUISITE FOR ALL NON-MUSIC STUDENTS: CONSENT OF INSTRUCTOR.

COURSES FOR UNDERGRADUATES

MUSIC 170	STRING INSTRUMENTS.						
PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.							
2 HOURS							
*SECTION A IS FOR BEGINNERS. SECTION B IS FOR ADVANCED STUDENTS.							
55905	LAB-DISC	*A	7	MTUWTHF	5	S M H	KROICK AND D. MILLER
55913	LAB-DISC	*B	10	MTUWTHF	5	S M H	
MUSIC 171	CLARINET.						
2 HOURS							
55921	LAB-DISC	A	8	MTUWTHF	5	S M H	LEEDY
MUSIC 172	CORNET OR TRUMPET.						
2 HOURS							
55930	LAB-DISC	A	8	MTUWTHF	14	S M H	
55948	LAB-DISC	B	9	MTUWTHF	14	S M H	
MUSIC 173	FLUTE AND SAXOPHONE.						
PREREQUISITE: MUSIC 171.							
2 HOURS							
55956	LAB-DISC	A	7	MTUWTHF	10	S M H	COGGINS AND TESSIN

CORRIGINS AND
TESSIN

MUSIC 174 FRENCH HORN AND PERCUSSION.
 PREREQUISITE: MUSIC 172.
 2 HOURS
 55964 LAB-DISC A 10 MTUWTHF 4 S M H HOLDEN AND FAIRCHILD

MUSIC 175 TROMBONE, BARITONE, AND TUBA.
 PREREQUISITE: MUSIC 172.
 2 HOURS
 55972 LAB-DISC A 8 MTUWTHF 25 S M H PERANTONI

MUSIC 176 ABOE AND BASSOON.
 PREREQUISITE: MUSIC 171.
 2 HOURS
 55981 LAB-DISC A 1 MTUWTHF 2 S M H BERRY AND EDLEFSEN

MUSIC 177 CLASS PIANO INSTRUCTION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 2 HOURS
 *FOR NON-MUSIC STUDENTS ONLY
 SECTIONS C, H THROUGH J: LEVEL ONE.
 SECTIONS A, B, D THROUGH G: LEVEL TWO.
 SECTIONS K THROUGH O: LEVEL THREE.
 SECTIONS P THROUGH U: LEVEL FOUR.

55956	LAB-DISC	*A	8	M W	5 P A	MARSHALL
56102	LAB-DISC	B	1	TU TH	5 P A	ELLISTON
56064	LAB-DISC	*C	11	M W	5 P A	BERENSON
56111	LAB-DISC	D	9	TU TH	5 P A	LYKE
56129	LAB-DISC	F	9	M W	5 P A	ELLISTON
56137	LAB-DISC	F	1	M W	5 P A	ELLISTON
56145	LAB-DISC	G	2	M W	5 P A	BERENSON
56072	LAB-DISC	H	8	TU TH	3 P A	MARSHALL
56081	LAB-DISC	I	10	TU TH	3 P A	BERENSON
56099	LAB-DISC	J	8	M W	3 P A	M. BLATTER
56153	LAB-DISC	K	9	M W	3 P A	MARSHALL
56151	LAB-DISC	L	2	M W	3 P A	MARSHALL
56170	LAB-DISC	M	1	TU TH	3 P A	BERENSON
56188	LAB-DISC	N	10	M W	3 P A	ELLISTON
56196	LAB-DISC	O	3	TU TH	3 P A	LYKE
55999	LAB-DISC	P	9	TU TH	3 P A	BERENSON
56005	LAB-DISC	Q	2	TU TH	3 P A	LYKE
56013	LAB-DISC	R	7 PM	TU TH	3 P A	MARSHALL
56021	LAB-DISC	S	1	M W	3 P A	MARSHALL
56030	LAB-DISC	T	12	M W	3 P A	M. BLATTER
56048	LAB-DISC	U	12	TU TH	3 P A	MARSHALL

MUSIC 178 CLASS INSTRUCTION IN VOICE.
 FOR MUSIC AND MUSIC EDUCATION STUDENTS ONLY.
 2 HOURS

56200	LAB-DISC	A	9	TU TH	25 S M H	
56218	LAB-DISC	B	2	TU TH	116 1203 W NEV	CRAWFORD
56226	LAB-DISC	C	10	TU TH	25 S M H	VICKERMAN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 377 CLASS PIANO (ADVANCED).
 PREREQUISITE: MUSIC 180 (12 HOURS COMPLETED), 104 AND 109.
 OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 4 HOURS OR 1 UNIT.
 *2 HOURS OR 1/2 UNIT
 SECTIONS A AND B: LEVEL TWO.
 SECTION C: LEVEL ONE.

56234	LAB-DISC	A	10	TU TH	5 P A	LYKE
56242	LAB-DISC	B	3	TU TH	5 P A	ELLISTON
56251	LAB-DISC	C	2	TU TH	5 P A	BERENSON

ENSEMBLE COURSES

NOTE: ALL ENSEMBLE COURSES REQUIRE CONSENT OF INSTRUCTOR.

FOR BAND ENSEMBLES SEE BANDS.

COURSES FOR ADVANCED UNDERGRADUATES

MUSIC 250	UNIVERSITY ORCHESTRA.											
	1/2 HOUR											
56269	PRACT	A	730PM	M				ORCH RHSL KLAN	GOODMAN			
		A	4		W	F		ORCH RHSL KLAN	GOODMAN			
MUSIC 251	CHAMBER ORCHESTRA.											
	PRE-REQUISITE: CONSENT OF INSTRUCTOR.											
	1/2 HOUR											
56277	PRACT	A	11	MTU				ORCH PHSL KLAN	GARVEY			
		A	11		W			A ENSEMBLE KLAN				
MUSIC 252	WIND ENSEMBLE.											
	1/2 HOUR											
56285	PRACT	A	11-1230		W	F		ORCH RHSL KLAN	GRAY			
MUSIC 254	STRING ENSEMBLE.											
	1/2 HOUR											
	*CLASS MEETS AT 11 O'CLOCK ON DAYS TO BE ARRANGED.											
56293	PRACT	*A	ARR					9 S M H	KROLOCK AND			
									STRING FACULTY			
MUSIC 255	WOODWIND ENSEMBLE.											
	1/2 HOUR											
	*CLASS MEETS AT 11 O'CLOCK ON DAYS TO BE ARRANGED.											
56307	PRACT	*A	ARR					11 S M H	MCDOWELL AND			
									WOODWIND			
									FACULTY			
MUSIC 256	BRASS ENSEMBLE.											
	1/2 HOUR											
56315	PRACT	A	11	M	W	F		14 S M H	GRAY, HOLDEN,			
									SEXTON, AND			
									PERANTONI			
MUSIC 257	PERCUSSION ENSEMBLE.											
	1/2 HOUR											
	*CLASS MEETS AT 11 O'CLOCK ON DAYS TO BE ARRANGED.											
56323	PRACT	*A	ARR					6 S M H	SIWE AND			
									FAIRCHILD			
MUSIC 258	PIANO ENSEMBLE.											
	1/2 HOUR											
56331	PRACT	A	4-6	M				112 S M H	FLETCHER			
MUSIC 259	ORGAN KEYBOARD TECHNIQUES.											
	1 HOUR											
56340	CONF	A	ARR					200 S M H	PETTINGA			
MUSIC 260	ORATORIO SOCIETY.											
	1/2 HOUR											
	NOTE: OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.											
56358	PRACT	A	8-950PM	TH				CHOS RHSL KLAN	MUELLER			
MUSIC 261	UNIVERSITY CHORUS.											
	OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.											
	1/2 HOUR											
	*SECTION C IS FOR BLACK CHORUS.											
56366	PRACT	A	630-8PM	M	W			CHOS RHSL KLAN	STEIN			
56374	PRACT	B	4-530	TU TH				25 S M H	MUELLER			
56382	PRACT	*C	7PM		W			116 1203 W NEV	RAY			
		*C	8-10PM		W			25 S M H				

MUSIC 262 WOMENS GLEE CLUB.
OPEN TO ALL WOMEN STUDENTS.
1/2 HOUR
56391 PRACT A 4-530 TU TH CHOS RHRSL KRAN OLSON

MUSIC 263 MENS GLEE CLUB.
OPEN TO ALL MEN STUDENTS.
1/2 HOUR
56474 PRACT A 630-8PM TU TH CHOS RHRSL KRAN OLSON

MUSIC 264 UNIVERSITY CHOIR.
1/2 HOUR
56412 PRACT A 4-515 M W F CHOS RHRSL KRAN WILSON

MUSIC 265 OPERA WORKSHOP AND ENSEMBLE.
1/2 HOUR
*SECTION B IS FOR OPERA CHORUS.
56421 PRACT A 3-6 TU TH OPERA RHRSL KRAN ZIRNER
56439 PRACT *B 4-530 TU TH A ENSEMBLE KRAN

MUSIC 266 JAZZ BAND.
PREREQUISITE: CONSENT OF INSTRUCTOR, DETERMINED BY AUDITIONS.
1/2 HOUR
56447 PRACT A APP ORCH RHRSL KRAN GARVEY
56455 PRACT B APP GARVEY
56463 PRACT C APP GARVEY
56471 PRACT D APP GARVEY

MUSIC 267 HARP ENSEMBLE.
PREREQUISITE: MUSIC 197 AND/OR 397.
1/2 HOUR
56480 CONF A APP 113 S M H ROSENFELD

MUSIC 268 SMALL CHORAL ENSEMBLES.
1/2 HOUR
*SECTION A IS FOR CHAMBER CHOIR. SECTION B IS FOR MADRIGAL SINGERS.
56498 PRACT *A 12 M W CHOS RHRSL KRAN J. SMITH
*A 12 F A ENSEMBLE KRAN
56501 PRACT *B APP 4-133 KRAN PERF PEXTON

MUSIC 269 MUSIC CONVOCATIONS AND CONCERTS.
2 CREDIT
*EVENING CONCERTS TO BE ARRANGED.
56510 LAB B *11 TH RECITAL HALL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 350 ADVANCED ENSEMBLE MUSIC.
PREREQUISITE: REGISTRATION IN APPLIED MUSIC AT THE 300 LEVEL AND
CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT
*SECTION A IS FOR INSTRUMENTAL, SECTION B FOR OPERATIC, SECTION C
FOR COLLEGIUM, SECTION D FOR CONTEMPORARY MUSIC, SECTION E
FOR CONTEMPORARY PIANO IMPROVISATION, SECTION F FOR
UNIVERSITY CHORALE.
56536 PRACT *A APP 9 S M H KRODLICK AND
STAFF
56544 PRACT *B 3-5 M W OPERA RHRSL KRAN ZIRNER
56552 PRACT *C APP 101 S M H HUNTER
56561 PRACT *D APP
56579 PRACT *E 3 M W 5 P A ELLISTON
56528 PRACT F 11-1230 TU TH CHOS RHRSL KRAN J. SMITH

VOCAL DICTION COURSES

COURSES FOR UNDERGRADUATES

MUSIC 166 ENGLISH DICTION.

PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

56587	CONF	A	ARR	203	S M H	BAILEY
56595	CONF	B	ARR	210	S M H	ELYN
56609	CONF	C	ARR	202	S M H	CLARK
56617	CONF	D	ARR	211	S M H	HEDLUND
56625	CONF	E	ARR	210	S M H	NOTH
56633	CONF	F	ARR	200A	S M H	W. MILLER
56641	CONF	C	ARR	200B	S M H	BURDETTE
56650	CONF	H	ARR	204	S H	VICKERMAN
56668	CONF	I	ARR	219	S H	WILSON
56674	CONF	J	ARR	206	S H	CRAWFORD
56684	CONF	K	ARR	113	S M H	ZASTROW

MUSIC 167 ITALIAN DICTION.

PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

56692	LAB-DISC	A	10	M W	210	S M H	NOTH
56706	LAB-DISC	B	2	TU TH	210	S M H	NOTH

MUSIC 168 GERMAN DICTION.

PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

56714	LAB-DISC	A	2	TU TH	25	S M H	ELYN
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MUSIC 169 FRENCH DICTION.

PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

56722	LAB-DISC	A	9	TU TH	106	S M H	CLARK
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 367 VOCAL REPERTOIRE, II.

PREREQUISITE: JUNIOR STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 381.

1 HOUR

56731	LAB-DISC	A	1	TU TH	210	S H	G. WILSON
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MUSIC LITERATURE COURSES

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 320 PROSEMINAR.

PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION; CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE 8 HOURS OR 2 UNITS.

*2 OR 4 HOURS, OR 1/2 OR 1 UNIT

SECTION A TOPIC: INDIVIDUAL PROJECTS.

SECTION B TOPIC: CHORAL LAB.

SECTION C TOPIC: COMPARATIVE MUSIC EDUCATION.

SECTION D TOPIC: PERFORMANCE PROBLEMS IN BAROQUE KEYBOARD MUSIC;

BACH PARTITAS.

56757	CONF	A	ARR						GRADUATE FACULTY
56765	LAB-DISC	B	9	M	W	F	CHOS	RHSL	KRAN
56773	LECT-DISC	C	9	TU	TH		212	1203	W NEV
56749	LAB-DISC	D	9-11		TH		104	1203	W NEV

J. SMITH
BERGETHON
HUNTER

MUSIC 322 INTRODUCTION TO MUSICOLOGY.

PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSICOLOGY, OR CONSENT OF INSTRUCTOR.

*CREDIT MAY BE ACCUMULATED TO A MAXIMUM OF 8 HOURS OR 2 UNITS.

*4 HOURS OR 1 UNIT

56781	LECT-DISC	A	1	TU			201	H	A
		A	1-3		TH		201	H	A

KELLMAN

MUSIC 324 OPERA PRODUCTION, II.

PREREQUISITE: MUSIC 323.

3 HOURS OR 1/2 UNIT

56790	CONF		ARR				OPEPA	RHSL	KRAN
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ZIRNER

COURSES FOR GRADUATES

MUSIC 420 SEMINAR IN MUSIC LITERATURE.

REQUIRED OF ALL STUDENTS ENROLLED IN THE DOCTORAL MUSICAL ARTS PROGRAM.

PREREQUISITE: CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE TWO UNITS.

*1 UNIT

56803	LECT-DISC	A	1-4	TU			101	H	A
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RINGER

MUSIC 422 SEMINAR IN THEORY OF MUSIC.

PREREQUISITE: GRADUATE STANDING IN MUSIC THEORY OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

56811	LECT-DISC	A	10	TU	TH		106	S	M	H
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JOHNSTON

MUSIC 424 SEMINAR IN THE WORKS OF A SELECTED COMPOSER.

PREREQUISITE: MUSIC 213-214 AND TWO OF THE FOLLOWING: MUSIC 310, 311, 312, 313, 315, OR EQUIVALENT.

*STUDENTS MAY ACCUMULATE TWO UNITS.

*1 UNIT

TOPIC: WORKS OF JOSEPHIN DES PREZ.

56820	LECT-DISC	A	9-12		W		101	H	A
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KELLMAN

MUSIC 428 PROBLEMS AND METHODS.

REQUIRED OF ALL STUDENTS IN THE MASTER OF MUSIC PROGRAM EXCEPT THOSE MAJORING IN MUSICOLOGY.

1 UNIT

56838	LECT-DISC	A	9-12	TU			101	H	A
56846	LECT-DISC	B	1-4		TH		101	H	A

FRUM
BYRNSIDE

NAVAL SCIENCE

DEPARTMENT OFFICE

239 ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED.

ALL UNITS BATTALION PARADE 3-5.

SUNDAY MAY 16, 1971

COURSES FOR UNDERGRADUATES

N S	100	NAVAL SCIENCE LABORATORY. REQUIRED OF ALL NROTC STUDENTS. 0 CREDIT					
	56954	LAB	A	3-5	TH	101 ARMORY	STAFF
			A	3-5	TH	ARMORY FLOOR	STAFF
	56962	LAB	B	3-5	TH	349 ARMORY	HERSHEY
			B	3-5	TH	ARMORY FLOOR	HERSHEY
	56371	LAB	C	3-5	TH	250 ARMORY	BEAUDRY
			C	3-5	TH	ARMORY FLOOR	BEAUDRY
	56389	LAB	D	3-5	TH	137 ARMORY	KOSTAR
			D	3-5	TH	ARMORY FLOOR	KOSTAR
	56497	LAB	E	3-5	TH	253 ARMORY	MCHENRY
			E	3-5	TH	ARMORY FLOOR	MCHENRY
	56901	LAB	F	3-5	TH	136 ARMORY	MCHENRY
			F	3-5	TH	ARMORY FLOOR	MCHENRY

N S	112	INTRODUCTION TO NAVAL SHIP SYSTEMS. PREREQUISITE: N. S. 111 OR CONSENT OF INSTRUCTOR; REGISTRATION IN N. S. 100. 3 HOURS					
	55919	LECT-DISC	B	9	M W F	146 ARMORY	STAFF
	56927	LECT-DISC	C	10	M W F	101 ARMORY	STAFF
N S	122	AMERICAN MILITARY AFFAIRS. PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS					
	56935	LECT	E	1	M W F	250 ARMORY	HERSHEY
	56943	LECT	F	2	M W F	250 ARMORY	HERSHEY

COURSES FOR ADVANCED UNDERGRADUATES

N S	232	NAVIGATION AND NAVAL OPERATIONS, II. PREREQUISITE: JUNIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM OR APPROVAL OF PROFESSOR OF NAVAL SCIENCE. REGISTRATION IN N. S. 100. 3 HOURS					
	56951	LECT-DISC	N	10-1130	TU TH	250 ARMORY	BEAUDRY
N S	252	NAVAL WEAPONS SYSTEMS, III. PREREQUISITE: N. S. 241; REGISTRATION IN N. S. 100. 3 HOURS					
	56960	LECT-DISC	B	9	M W F	250 ARMORY	KOSTAR
	56978	LECT-DISC	C	10	M W F	250 ARMORY	KOSTAR

NUCLEAR ENGINEERING

DEPARTMENT OFFICE

214 N E L

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NUC E 302	NUCLEAR POWER ENGINEERING. SAME AS M. E. 302. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT						
56986	LECT-DISC	3		M	W	F	203 N E L
NUC E 312	NUCLEAR POWER ECONOMICS AND FUEL MANAGEMENT. PREREQUISITE: JUNIOR STANDING, M. E. OR NUC. E. 302, OR NUC. E. 347, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT						
56994	LECT-DISC	2		M	W	F	203 N E L
NUC E 321	INTRODUCTION TO CONTROLLED THERMONUCLEAR FUSION. SAME AS E. E. 321. PREREQUISITE: SENIOR OR GRADUATE STANDING; OR CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT						
57001	LECT	D	11		M	W	F 203 N E L
NUC E 349	FUNDAMENTALS OF RADIATION PROTECTION. SAME AS C. E. 349. PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 357 OR IN PHYS. 382. 3 HOURS, OR 3/4 OR 1 UNIT						
57019	LECT-DISC	2		TU			203 N E L
		2-4		TH			203 N E L
NUC E 397	RADIOCHEMISTRY. SAME AS CHEM. 397. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT						
57027	LECT	10		TU	TH	S	111 N L

COURSES FOR GRADUATES

NUC E 411	NUCLEAR REACTOR HEAT TRANSFER. PREREQUISITE: NUC. E. 401, OR CONSENT OF INSTRUCTOR. 1 UNIT						
57035	LECT-DISC	8		M	W	F	203 N E L
NUC E 421	NUCLEAR CONCEPTS. PREREQUISITE: CREDIT IN A NUCLEAR PHYSICS COURSE SUCH AS NUC. E. 377 OR PHYS. 382. 1 UNIT						
57043	LECT-DISC	10-12		TU	TH		203 N E L
NUC E 447	RADIOACTIVE WASTE DISPOSAL. SAME AS C. E. 447. PREREQUISITE: PHYS. 282 OR CHEM. 398 OR NUC. E. 398 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT						
57051	LECT-DISC	8	9		M	W	F 421 E H
NUC E 451	REACTOR LABORATORY. PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT						
57060	DISC		1			F	203 N E L
57078	LAB	A	1-4		M		NUC REACTOR LAB
57086	LAB	B	1-4		TH		NUC REACTOR LAB
NUC E 454	NUCLEAR ENGINEERING LABORATORY INVESTIGATIONS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 TO 2 UNITS						
57094	CONF		AKR				

STAFF

NUC E 455 REACTOR PHYSICS, I.
 SAME AS PHYS. 455.
 PREREQUISITE: MATH. 343 AND 345, NUC. E. 347, OR CONSENT OF
 INSTRUCTOR.
 1 UNIT
 57109 LECT-DISC 10 M W F 203 N E L

NUC E 456 REACTOR PHYSICS, II.
 SAME AS PHYS. 456.
 PREREQUISITE: NUC. E. 455 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 57116 LECT-DISC 3 M W F 203 N E L

NUC E 459 NUCLEAR REACTOR ENGINEERING.
 PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 57124 LECT-DISC 8-10 TU TH 203 N E L

NUC E 490 SPECIAL TOPICS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 *SECTION M: NUCLEAR CERAMICS.
 57132 LECT-DISC *M 1 MTW 322 CER

NUC E 495 NUCLEAR ENGINEERING PROBLEMS.
 PREREQUISITE: AT LEAST THREE UNITS OF GRADUATE WORK AND
 CONSENT OF INSTRUCTOR.
 1/4 TO 2 UNITS
 57141 CONF ARR STAFF

NUC E 497 SEMINAR IN NUCLEAR SCIENCE AND ENGINEERING.
 3 CREDIT
 57159 LECT-DISC 4 TU 203 N E L

NUC E 499 THESIS RESEARCH.
 1 TO 4 UNITS
 57167 CONF ARR STAFF

NUTRITIONAL SCIENCES

DEPARTMENT OFFICE M H

COURSES FOR GRADUATES

NUTRS 410 SEMINAR.
 PREREQUISITE: AN. S. 420.
 1/4 UNIT
 57175 LECT-DISC ARR WIC9 T H STAFF

PERSIAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

- PERS 202 ELEMENTARY PERSIAN, II.
 PREREQUISITE: PERS. 201 AND CONSENT OF INSTRUCTOR.
 5 HOURS
 OPEN TO FRESHMEN.
 57183 LECT-DISC 11 MTWTHF 405 M H
- PERS 206 INTRODUCTION TO PERSIAN CULTURE AND LITERATURE, II.
 KNOWLEDGE OF PERSIAN NOT REQUIRED.
 3 HOURS
 57191 LECT-DISC ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- PERS 304 INTERMEDIATE PERSIAN, II.
 PREREQUISITE: PERS. 303 OR CONSENT OF INSTRUCTOR.
 5 HOURS OR 1 UNIT
 57205 LECT-DISC 10 MTWTHF 405 M H
- PERS 306 ADVANCED PERSIAN, II.
 PREREQUISITE: PERS. 305 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 57213 LECT-DISC ARR

PETROLEUM ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- PET E 372 RESERVOIR MECHANICS, II.
 PREREQUISITE: PET. E. 371.
 3 HOURS OR 1 UNIT
 57221 LECT-DISC 3 M W F 403 M M B

PHILOSOPHY

DEPARTMENT OFFICE

105 G H

MAJOR: TWENTY HOURS FROM ANY COURSES OFFERED BY THE DEPARTMENT, INCLUDING PHIL. 102, 303, 306, 321, AND ONE ADDITIONAL 300 COURSE IN PHILOSOPHY.

MINORS: TWENTY COURSE HOURS FROM THE SUBJECTS RECOGNIZED AS MAJORS BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR FROM ANY APPROVED LAS INTERDEPARTMENTAL CURRICULUM, OR FROM EDUCATION OR LIBRARY SCIENCE OR LINGUISTICS. RHETORIC 101, 102, 107, 108, FIRST-YEAR MODERN FOREIGN LANGUAGE COURSES, AND COURSES IN APPLIED MUSIC ARE EXCLUDED. IF TWO DEPARTMENTS OR CURRICULA ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

FRESHMAN JAMES SCHOLARS ARE AUTOMATICALLY PERMITTED TO TAKE ANY 100 LEVEL PHILOSOPHY COURSE.

COURSES FOR UNDERGRADUATES

PHIL 101 INTRODUCTION TO PHILOSOPHY.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.

3 HOURS

57230	LECT-DISC	A	8	M	W	F	207	G H	
57248	LECT-DISC	B1	9	M	W	F	311	G H	
57256	LECT-DISC	B2	9	M	W	F	327	G H	
57264	LECT-DISC	C1	10	M	W	F	336	G H	MACKAY
57272	LECT-DISC	D	11	M	W	F	321	G H	SLEINIS
57281	LECT-DISC	E1	1	M	W	F	311	G H	SLEINIS
57299	LECT-DISC	E2	1	M	W	F	321	G H	SHAPIRA
57302	LECT-DISC	F1	2	M	W	F	321	G H	ROBINSON
57311	LECT-DISC	F2	2	M	W	F	311	G H	
57329	LECT-DISC	G	3	M	W	F	336	G H	SLEINIS
57337	LECT-DISC	L	830-10	TU	TH		327	G H	
57345	LECT-DISC	M1	9-1030	TU	TH		311	G H	
57353	LECT-DISC	M2	930-11	TU	TH		336	G H	PERLMUTTER
57361	LECT-DISC	N1	10-1130	TU	TH		321	G H	
57370	LECT-DISC	N2	1030-12	TU	TH		311	G H	KINDRED
57388	LECT-DISC	R1	1-230	TU	TH		336	G H	PERLMUTTER
57396	LECT-DISC	R2	130-3	TU	TH		311	G H	KINDRED
57400	LECT-DISC	S	230-4	TU	TH		336	G H	FABER

PHIL 102 LOGIC.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.

3 HOURS

57418	LECT-DISC	B	9	M	W	F	207	G H	
57426	LECT-DISC	D	11	M	W	F	223	G H	CATON
57434	LECT-DISC	E	1	M	W	F	114	D K H	HUGLY
57442	LECT-DISC	F	2	M	W	F	207	G H	
57451	LECT-DISC	G	3	M	W	F	223	G H	WENGERT
57469	LECT-DISC	M	930-11	TU	TH		207	G H	
57477	LECT-DISC	R	130-3	TU	TH		207	G H	SUPPE
57485	LECT-DISC	T	3-430	TU	TH		311	G H	

PHIL 104 PHILOSOPHY OF DEMOCRACY.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF DEPARTMENT.

4 HOURS

57493	LECT-DISC	D	11	MTUWTH			207	G H	WERNER
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PHIL 105 MORAL IDEAS AND PRACTICE.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.

*CREDIT IS NOT GIVEN FOR BOTH PHIL. 105 AND 103.

*2 HOURS

THESE CLASSES MEET 3 HOURS PER WEEK FOR FIRST 10 WEEKS OF SEMESTER.

57507	LECT-DISC	A	3	M	W	F	311	G	H
57515	LECT-DISC	B1	9	M	W	F	321	G	H
57523	LECT-DISC	B2	9	M	W	F	336	G	H
57531	LECT-DISC	E	1	M	W	F	207	G	H
57540	LECT-DISC	F	2	M	W	F	427	G	H
57558	LECT-DISC	G1	3	M	W	F	321	G	H
57566	LECT-DISC	G2	3-430	M	W		311	G	H
57574	LECT-DISC	L	830-10	TU	TH		321	G	H
57582	LECT-DISC	P	1-230	TU	TH		321	G	H
57591	LECT-DISC	S	230-4	TU	TH		321	G	H

CHANDLER

ROSENBAUM
ROSENBAUM

PHIL 110 WORLD RELIGIONS.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.

3 HOURS

57604	LECT	P	11	TU	TH		112	G	H
57612	DISC	D	11		F		207	G	H
57621	DISC	E1	1	M			327	G	H
57639	DISC	E2	1		W		327	G	H
57647	DISC	E3	1			F	327	G	H
57655	DISC	E1	3	M			207	G	H
57663	DISC	G2	3		W		207	G	H
57671	DISC	G3	3			F	207	G	H
57680	DISC	H1	4	M			336	G	H
57698	DISC	H2	4		W		336	G	H
57701	DISC	L1	8	TU			311	G	H
57710	DISC	L2	8		TH		311	G	H
57728	DISC	L3	830-930	TU			207	G	H
57736	DISC	L4	830-930		TH		207	G	H
57744	DISC	U1	4	TU			327	G	H
57752	DISC	U2	4	TU			421	G	H
57761	DISC	U3	4		TH		321	G	H

TIEBOUT

PHIL 195 FRESHMAN SEMINAR.

PREREQUISITE: JAMES SCHOLAR--FRESHMAN STANDING.

3 HOURS

57779	LECT-DISC		2-330	TU	TH		327	G	H
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NEELY

PHIL 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

NOTE: REQUESTS FOR ACTIVATION OF THIS COURSE MAY BE MADE BY STUDENTS OR BY FACULTY AND SHOULD BE DIRECTED TO THE CHAIRMAN OF THE PHILOSOPHY DEPARTMENT.

57787	CONF		ARR						
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COURSES FOR ADVANCED UNDERGRADUATES

PHIL 291 READING COURSE.

PREREQUISITE: OPEN TO JUNIORS AND SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.

*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.

*2 TO 4 HOURS

57795	CONF		ARR						
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PHIL 292 THESIS.

PREREQUISITE: OPEN TO SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.

*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.

*2 TO 4 HOURS

57809	CONF		ARR						
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOPHOMORE JAMES SCHOLARS WHO HAVE HAD NO PHILOSOPHY COURSES ARE PERMITTED TO TAKE PHIL. 303, 306, 307, AND 308. THOSE WHO HAVE HAD A PHILOSOPHY COURSE MAY TAKE ANY 300-LEVEL PHILOSOPHY COURSE.

PHIL 304	HISTORY OF MEDIEVAL PHILOSOPHY.								
	PREREQUISITE: PHIL. 101 OR 303.								
	3 HOURS, OR 3/4 OR 1 UNIT								
57817	LECT-DISC	10	M W F	327 G H				WENGERT	
PHIL 306	HISTORY OF MODERN PHILOSOPHY.								
	4 HOURS OR 1 UNIT								
	*SECTION 6P1 IS FOR GRADUATE STUDENTS, PHILOSOPHY MAJORS, AND JAMES SCHOLARS. SECTION 6T1 IS FOR PHILOSOPHY MAJORS AND JAMES SCHOLARS.								
57825	LECT	N	10	TU TH	213 G H			NEELY	
57892	DISC	*6P1	11	TU	336 G H				
57833	DISC	P2	11	TH	336 G H				
57841	DISC	R1	1	TU	327 G H				
57850	DISC	R2	1	TH	327 G H				
57868	DISC	S1	4	TU	336 G H				
57876	DISC	S2	4	TH	336 G H				
57906	DISC	*6T1	3	TU	207 G H				
57384	DISC	T2	3	TH	207 G H				
PHIL 310	THE PHILOSOPHY OF ARISTOTLE.								
	PREREQUISITE: PHIL. 101 OR 303.								
	3 HOURS, OR 3/4 OR 1 UNIT								
	TOPIC: ARISTOTLE'S PSYCHOLOGY.								
57914	LECT-DISC	10-1130	TU TH	327 G H				WALLACE	
PHIL 311	PHILOSOPHIC IDEAS OF THE NINETEENTH CENTURY.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY (PREFERABLY 101 OR 306).								
	3 HOURS, OR 3/4 OR 1 UNIT								
57922	LECT-DISC	1	M W F	223 G H				SCHACHT	
PHIL 321	ETHICS AND VALUE THEORY.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY.								
	3 HOURS, OR 3/4 OR 1 UNIT								
57931	LECT-DISC	11	M W F	311 G H				DIGGS	
PHIL 324	PHILOSOPHY OF RELIGION.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY.								
	3 HOURS, OR 3/4 OR 1 UNIT								
57949	LECT-DISC	10	M W F	207 G H				CHANDLER	
PHIL 327	PHILOSOPHY OF SCIENCE: ADVANCED SURVEY.								
	PREREQUISITE: PHIL. 170 OR JUNIOR STANDING OR PERMISSION OF INSTRUCTOR.								
	3 HOURS OR 1 UNIT								
57957	LECT-DISC	11	M W F	336 G H				NICKLES	
PHIL 334	SYMBOLIC LOGIC, II.								
	PREREQUISITE: PHIL. 333.								
	3 HOURS, OR 3/4 OR 1 UNIT								
57965	LECT-DISC	11	M W F	327 G H				TURQUETTE	
PHIL 338	PHILOSOPHIES OF LANGUAGE								
	SAME AS LING. 338.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY.								
	3 HOURS, OR 3/4 OR 1 UNIT.								
57973	LECT-DISC	3	M W F	327 G H				FABER	
PHIL 340	THE PHILOSOPHY OF ALFRED NORTH WHITEHEAD.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY.								
	3 HOURS, OR 3/4 OR 1 UNIT								
57981	LECT-DISC	830-10	TU TH	223 G H				TIEBOUT	
PHIL 341	EXISTENTIAL PHILOSOPHY.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY (PREFERABLY 311) OR CONSENT OF THE INSTRUCTOR.								
	3 HOURS, OR 3/4 OR 1 UNIT								
57990	LECT-DISC	10	M W F	311 G H				SCHACHT	
PHIL 361	COMPARATIVE RELIGIONS: THE RELIGIONS OF THE EAST.								
	PREREQUISITE: ONE COURSE IN PHILOSOPHY.								
	3 HOURS, OR 3/4 OR 1 UNIT								
58006	LECT-DISC	10	M W F	321 G H				ROBISON	

COURSES FOR GRADUATES

PHIL	405	SEVENTEENTH-CENTURY CONTINENTAL THOUGHT (DESCARTES, SPINOZA, LEIBNIZ).						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58014	LECT-DISC	730-930PM	TH	402	G H		SHAPIRA
PHIL	411	SEMINAR IN RECENT ETHICAL THEORY.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58022	LECT-DISC	3-5	TH	402	G H		DIGGS
PHIL	412	SEMINAR IN SOCIAL PHILOSOPHY.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58031	LECT-DISC	2-4	TU	402	G H		WERNER
PHIL	413	LOGICAL THEORY.						
		PREREQUISITE: A COURSE IN LOGIC OR CONSENT OF INSTRUCTOR.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58049	LECT-DISC	730-930PM	W	402	G H		TURQUETTE
PHIL	415	SEMINAR IN METAPHYSICS.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
		TOPIC: PROPERTIES.						
	58057	LECT-DISC	1-3	M	402	G H		STALNAKER
PHIL	420	SEMINAR IN SEMANTICS						
		SAME AS COMM. 420.						
		PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58065	LECT-DISC	1-3	TH	402	G H		HUGLY
PHIL	421	SEMINAR IN CONTEMPORARY PROBLEMS.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58073	LECT-DISC A	4-6	TU	402	G H		SELLARS
	58081	LECT-DISC B	3-5	M	402	G H		CATON
PHIL	423	SEMINAR IN THEORY OF KNOWLEDGE.						
		*1 UNIT						
	58090	LECT-DISC A	3-5	W	402	G H		WILL
	58103	LECT-DISC B	730-930PM	TU	402	G H		SUPPE
PHIL	425	SEMINAR IN THE PHILOSOPHY OF MIND.						
		*MAY BE REPEATED FOR CREDIT.						
		*1 UNIT						
	58111	LECT-DISC	1-3	W	402	G H		MACKAY
PHIL	493	INDIVIDUAL TOPICS.						
		*NOT MORE THAN 1 UNIT MAY BE COUNTED TOWARD M.A. DEGREE AND NOT MORE THAN 2 TOWARD PH. D.						
		*1/2 OR 1 UNIT						
	58120	CONF	ARR					
PHIL	499	THESIS RESEARCH.						
		0 TO 4 UNITS						
	58138	CONF	ARR					

PHYSICAL EDUCATION FOR MEN

BASIC INSTRUCTION COURSES

DEPARTMENT OFFICE

201 M O G

MEN ENTERING THE UNIVERSITY WITH LESS THAN SIXTY SEMESTER HOURS OF CREDIT (EXCEPT VETERANS WHO RECEIVE CREDIT BECAUSE OF MILITARY SERVICE, BUT WHO MAY ELECT TO TAKE PHYSICAL EDUCATION) ARE REQUIRED TO OBTAIN CREDIT FOR FOUR SEMESTERS OF PHYSICAL EDUCATION, INCLUDING THE AMOUNT TRANSFERRED. CREDIT MAY BE OBTAINED BY PASSING COURSES LISTED BELOW OR BY PASSING PROFICIENCY EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. PERMITS FOR TAKING PROFICIENCY EXAMINATIONS MUST BE SECURED IN ROOM 201 MEN'S OLD GYMNASIUM NOT LATER THAN 24 HOURS PRECEDING EACH EXAMINATION. STUDENTS ENROLLED IN PRESCRIBED EXERCISE ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS WITHOUT SPECIAL WRITTEN PERMISSION FROM THE COORDINATOR OF PRESCRIBED EXERCISE.

COURSES FOR UNDERGRADUATES

NOTE: MUST PEM BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES TO FACILITATE REGISTRATION OF ADVANCE ENROLLED STUDENTS IN BASIC INSTRUCTION COURSES. THESE SEQUENCES ARE AS FOLLOWS:

- SEQUENCE 1 - PEM 119, 120
- SEQUENCE 2 - PEM 115, 127, 129, 130
- SEQUENCE 3 - PEM 123, 123, 134, 135, 137, 145
- SEQUENCE 4 - PEM 133, 136, 142, 143
- SEQUENCE 5 - PEM 112, 132, 138

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

PEM 100 FOUNDATIONS OF PHYSICAL ACTIVITY.

1 HOUR

EACH STUDENT MUST REGISTER IN ONE LECTURE SECTION AND ONE LAB SECTION.

58146	LECT	11B	11	TU	66	LIB
58154	LECT	2B	2	TU	101	ARMORY
58162	LECT	3C	3	W	100	G H
58171	LECT	10D	10	TH	66	LIB
58189	LAB	B	9	M F	310	M O G BALC
58197	LAB	C	10	M F	310	M O G BALC
58201	LAB	D	11	M F	310	M O G BALC
58219	LAB	F	1	M F	310	M O G BALC
58227	LAB	G	2	M F	310	M O G BALC
58235	LAB	H	3	M F	310	M O G BALC
58243	LAB	M	9	TU TH	310	M O G BALC
58251	LAB	N	10	TU TH	310	M O G BALC
58260	LAB	V	11	TU TH	310	M O G BALC
58278	LAB	Q	1	TU TH	310	M O G BALC
58286	LAB	P	2	TU TH	310	M O G BALC
58294	LAB	S	3	TU TH	310	M O G BALC

PEM 101 PRESCRIBED EXERCISE.

PREREQUISITE: ASSIGNMENT BY THE HEALTH SERVICE.

STUDENTS MAY ACCUMULATE 3 HOURS.

1 HOUR

*SECTION X IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

58308	LAB	R	ARR	106	MOG ANNEX
58316	LAB	C	ARR	106	MOG ANNEX
58324	LAB	D	ARR	106	MOG ANNEX
58332	LAB	F	ARR	106	MOG ANNEX
58341	LAB	G	ARR	106	MOG ANNEX
58359	LAB	*X	APR		REHAB CENTER

PEM 105 WEIGHT CONTROL.

PREREQUISITE: APPROVAL OF DEPARTMENT AT REGISTRATION.

1 HOUR

58367	LAB	C	11	M W F	312SE M O G
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P F M 106 DEVELOPMENTAL ACTIVITIES.
 PREREQUISITE: P. E. M. 100, FOUNDATIONS OF PHYSICAL ACTIVITY.
 1 HOUR
 *MUST HAVE PERMISSION OF BASIC INSTRUCTION DIRECTOR.

58375	LAB	A	8	M W F	ARMORY FLOOR
58383	LAB	B	9	M W F	ARMORY FLOOR
58391	LAB	C	10	M W F	ARMORY FLOOR
58405	LAB	D	11	M W F	ARMORY FLOOR
58413	LAB	*J	4	MTWTHF	WEST STADIUM

P F M 107 BEGINNING SWIMMING.
 PREREQUISITE: NON-SWIMMER. THOSE WHO CANNOT SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS.
 1 HOUR
 *SECTION H DESIGNED ESPECIALLY FOR THOSE STUDENTS WITH A FEAR OF WATER.

58421	LAB	C	10	M W F	212 M O G POOL
58430	LAB	D	11	M W F	212 M O G POOL
58448	LAB	F	1	M W F	212 M O G POOL
58499	LAB	*H	3	M W F	212 M O G POOL
58456	LAB	M	9-1015	TU TH	212 M O G POOL
58464	LAB	V	11-1215	TU TH	212 M O G POOL
58472	LAB	R	2-315	TU TH	212 M O G POOL
58481	LAB	S	3-415	TU TH	212 M O G POOL

P F M 108 INTERMEDIATE SWIMMING.
 PREREQUISITE: SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS, BUT ARE NOT QUALIFIED FOR P. E. M. 109 OR P. E. M. 110.
 1 HOUR

58502	LAB	A	8	M W F	212 M O G POOL
58511	LAB	A1	3	M W F	112 H G POOL
58529	LAB	B1	9	M W F	112 M O G POOL
58537	LAB	G	2	M W F	212 M O G POOL
58545	LAB	H1	3	M W F	112 H G POOL
58553	LAB	J	4	M W F	212 M O G POOL
58561	LAB	L	8-915	TU TH	212 M O G POOL
58570	LAB	N	10-1115	TU TH	212 M O G POOL
58588	LAB	Q	1-215	TU TH	212 M O G POOL
58596	LAB	S1	3-415	TU TH	112 H G POOL
58600	LAB	T	4-515	TU TH	212 M O G POOL

P F M 109 AQUATIC SPORTS.
 PREREQUISITE: ABILITY TO SWIM ONE MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--CRAWL, BACK CRAWL AND BREASTSTROKE --AND 20 YARDS UNDERWATER.
 1 HOUR

58618	LAB	L	8-915	TU TH	112 H G POOL
58626	LAB	Q	1-215	TU TH	112 H G POOL

P F M 110 LIFE SAVING.
 PREREQUISITE: ABILITY TO SWIM 1/2 MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--SIDESTROKE, BREASTSTROKE AND FRONT CRAWL--AND 20 YARDS UNDERWATER.
 1 HOUR

58634	LAB	C	10	M W F	112 H G POOL
58642	LAB	D	11	M W F	112 H G POOL
58651	LAB	F	1	M W F	112 H G POOL

P F M 111 WATER SAFETY. A. R. C. INSTRUCTOR TRAINING.
 PREREQUISITE: STRONG SWIMMERS WHO HAVE A CURRENT AMERICAN RED CROSS SR. LIFE SAVING AUTHORIZATION CARD.
 1 HOUR

58669	LAB	B	9	M W F	112 H G POOL
58677	LAB	N	10-1115	TU TH	112 H G POOL
58685	LAB	V	11-1215	TU TH	112 H G POOL

P F M 112 TUMBLING AND FREE EXERCISE.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

58693	LAB	B	9	M W F	312NE M O G
58707	LAB	C	10	M W F	312NE M O G
58715	LAB	D	11	M W F	312NE M O G

P F M 114 APPARATUS STUNTS.
 1 HOUR

58723	LAB	N	10-1115	TU TH	312NE M O G
58731	LAB	V	11-1215	TU TH	312NE M O G

P F M 115 TRAMPOLINE AND DOUBLES TUMBLING.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

58740	LAB	H	3	M W F	312NE M O G
58753	LAB	M	9-1015	TU TH	312NE M O G

P F M 116 BASIC MOVEMENT.

PREREQUISITE: MUSIC MAJOR.

1 HOUR

*MEETS WITH P. F. W. 100, SECTION U.

58745	LAB	*G	2	M W F	311 FREER GYM
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P F M 117 WRESTLING.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

58774	LAB	N	10-1115	TU TH	115 MOG ANNEX
58782	LAB	R	2-315	TU TH	115 MOG ANNEX

P F M 119 FENCING.

1 HOUR

58791	LAB	C	10	M W F	302 H G
58804	LAB	D	11	M W F	302 H G
58812	LAB	F	1	M W F	302 H G

P F M 120 PERSONAL DEFENSE ACTIVITIES.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

58821	LAB	A	8	M W F	115 MOG ANNEX
58839	LAB	C	10	M W F	115 MOG ANNEX
58847	LAB	D	11	M W F	115 MOG ANNEX
58855	LAB	E	12	M W F	115 MOG ANNEX
58863	LAB	F	1	M W F	115 MOG ANNEX
58871	LAB	H	3	M W F	115 MOG ANNEX
58880	LAB	L	8-915	TU TH	115 MOG ANNEX
58898	LAB	V	11-1215	TU TH	115 MOG ANNEX
58901	LAB	P	12-115	TU TH	115 MOG ANNEX
58910	LAB	Q	1-215	TU TH	115 MOG ANNEX

P F M 123 WRESTLING TRAINING

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

*OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE RESIDENCE HALLS.

58928	LAB	B	9	M W F	114 MOG ANNEX
58936	LAB	*B1	9	M W F	388 OGLESBY
58944	LAB	C	10	M W F	114 MOG ANNEX
58952	LAB	D	11	M W F	114 MOG ANNEX
58961	LAB	*D1	11	M W F	388 OGLESBY
58969	LAB	F	1	M W F	114 MOG ANNEX
58977	LAB	G	2	M W F	114 MOG ANNEX
58985	LAB	H	3	M W F	114 MOG ANNEX
58993	LAB	J	4	M W F	114 MOG ANNEX
59001	LAB	M	9-1015	TU TH	114 MOG ANNEX
59009	LAB	N	10-1115	TU TH	114 MOG ANNEX
59017	LAB	V	11-1215	TU TH	114 MOG ANNEX
59025	LAB	Q	1-215	TU TH	114 MOG ANNEX
59033	LAB	*Q1	1-215	TU TH	388 OGLESBY
59041	LAB	R	2-315	TU TH	114 MOG ANNEX
59049	LAB	S	3-415	TU TH	114 MOG ANNEX
59057	LAB	T	4-515	TU TH	114 MOG ANNEX
59065	LAB	*T1	4-515	TU TH	388 OGLESBY

P F M 124 TRACK AND FIELD ATHLETICS.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

59109	LAB	FF	1-3	M W	EAST ILL FIELD
59117	LAB	HH	3-5	M W	EAST ILL FIELD
59125	LAB	QQ	1-3	TU TH	EAST ILL FIELD
59133	LAB	SS	3-5	TU TH	EAST ILL FIELD

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY MEN'S OLD GYM ANNEX.

P E M 128 SOCCER.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

59141	LAB	AA	9-10	M W	GREGORY FIELD
59150	LAB	HH	3-5	M W	FLD A H G
59168	LAB	CC1	10-12	M W	GREGORY FIELD
59176	LAB	FF	1-3	M W	FLD A H G
59184	LAB	FF1	1-3	M W	GREGORY FIELD
59192	LAB	LL	8-10	TU TH	FLD A H G
59206	LAB	LL1	8-10	TU TH	GREGORY FIELD
59214	LAB	NN	10-12	TU TH	FLD A H G
59222	LAB	NN1	10-12	TU TH	GREGORY FIELD
59231	LAB	QQ	1-3	TU TH	FLD A H G
59249	LAB	QQ1	1-3	TU TH	GREGORY FIELD

NOTE: FIRST CLASS MEETING WILL BE IN EAST BALCONY, HUFF GYM.

P F M 129 VOLLEYBALL.

1 HOUR

INSTRUCTION COURSES.

*SECTIONS X AND X1 MEET WITH P. E. W. 124.

59257	LAB	B	9-1015	M W	105 MOG ANNEX
59265	LAB	C	10-1115	M W	105 MOG ANNEX
59273	LAB	D	11-1215	M W	105 MOG ANNEX
59281	LAB	F	1-215	M W	105 MOG ANNEX
59290	LAB	G	2-315	M W	105 MOG ANNEX
59303	LAB	H	3-415	M W	105 MOG ANNEX
59311	LAB	L	8-915	TU TH	105 MOG ANNEX
59320	LAB	M	9-1015	TU TH	105 MOG ANNEX
59338	LAB	Q	1-215	TU TH	105 MOG ANNEX
59346	LAB	S	3-415	TU TH	105 MOG ANNEX
59354	LAB	T	4-515	TU TH	105 MOG ANNEX
59362	LAB	*X	7-815PM	TU TH	218 E B
59371	LAB	*X1	9-915PM	TU TH	218 E B

P E M 130 BASKETBALL.

PREREQUISITE: NO PLAYING EXPERIENCE IN ORGANIZED BASKETBALL.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

59389	LAB	N	10-1115	TU TH	105 MOG ANNEX
59397	LAB	V	11-1215	TU TH	105 MOG ANNEX
59401	LAB	R	2-315	TU TH	105 MOG ANNEX

P F M 132 ARCHERY.

1 HOUR

*MEETS WITH P. E. W. 135.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

59435	LAB	*D	11	MTUWTH	207B FREER GYM
59419	LAB	FF	1-3	M W	ARCHERY RANGE
59427	LAB	QQ	1-3	TU TH	ARCHERY RANGE

NOTE: FIRST CLASS MEETING FOR SECTIONS FF AND QQ WILL BE IN EAST BALCONY, MEN'S OLD GYM ANNEX.

P F M 133 SQUASH RACQUETS.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

59443	LAB	S	3-415	TU TH	84 H G
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P E M 134 HANDBALL.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

*SECTION F BEGINS INSTRUCTION ON MONDAY, APRIL 12, 1971.

59451	LAB	B	9	M W F	84 H G
59460	LAB	C	10	M W F	84 H G
59478	LAB	D	11	M W F	84 H G
59541	LAB	*F	1	MTUWTH	84 H G
59486	LAB	H	3	M W F	84 H G
59494	LAB	L	8-915	TU TH	84 H G
59508	LAB	M	9-1015	TU TH	84 H G
59516	LAB	N	10-1115	TU TH	84 H G
59524	LAB	V	11-1215	TU TH	84 H G
59532	LAB	P	2-315	TU TH	84 H G

P E M 135 TENNIS.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

*MEETS WITH P. F. W. 135.

59559	LAB	AA	3-10	M W	GREG DRIVE CTS
59567	LAB	AA1	8-10	M W	STADIUM CTS E
59575	LAB	BB	9-11	M W	H G COURTS
59583	LAB	CC	10-12	M W	GREG DRIVE CTS
59591	LAB	CC1	10-12	M W	STADIUM CTS E
59605	LAB	DD	11-1	M W	H G COURTS
59613	LAB	EE	12-2	M W	GREG DRIVE CTS
59621	LAB	FF	1-3	M W	STADIUM CTS E
59630	LAB	HH	3-5	M W	STADIUM CTS E
59648	LAB	LL	8-10	TU TH	GREG DRIVE CTS
59656	LAB	LL1	8-10	TU TH	STADIUM CTS E
59664	LAB	MM	9-11	TU TH	H G COURTS
59672	LAB	NN	10-12	TU TH	GREG DRIVE CTS
59681	LAB	NN1	10-12	TU TH	STADIUM CTS E
59699	LAB	VV	11-1	TU TH	H G COURTS
59702	LAB	QQ	1-3	TU TH	GREG DRIVE CTS
59711	LAB	QQ1	1-3	TU TH	STADIUM CTS E
59729	LAB	SS1	3-5	TU TH	STADIUM CTS E
59737	LAB	*XX	6-730PM	TU TH	H G COURTS
59745	LAB	*YY	320-405	MTWTH	COURTS FREER GYM

NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH

BALCONY HUFF GYM, EXCEPT FOR SECTIONS XX AND YY. SECTION XX WILL MEET IN 207 FREER GYM AND YY IN 207B FREER GYM.

P E M 136 BADMINTON.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

*SECTIONS RR AND NN MEET THE FIRST EIGHT WEEKS OF SEMESTER.

59753	LAB	AA	3-10	M W	100 H G
59761	LAB	CC	10-12	M W	100 H G
59770	LAB	LL	8-10	TU TH	100 H G
59796	LAB	*NN	10-12	TU TH	100 H G
59788	LAB	QQ	1-3	TU TH	100 H G
59800	LAB	*RR	2-4	TU TH	100 H G

P E M 137 BOWLING.

1 HOUR

*MEETS WITH P. E. W. 132.

ALLEY SERVICE CHARGE IS \$7.50.

59818	LAB	L	8	TU TH	60 IU ALLEYS
59826	LAB	LL	8	TU TH	60 IU ALLEYS
59834	LAB	M	9	TU TH	60 IU ALLEYS
59842	LAB	ML	9	TU TH	60 IU ALLEYS
59851	LAB	N	10	TU TH	60 IU ALLEYS
59869	LAB	NI	10	TU TH	60 IU ALLEYS
59877	LAB	*V	11	TU TH	60 IU ALLEYS
59885	LAB	*D	11	M W	60 IU ALLEYS
59893	LAB	*Q	1	TU TH	60 IU ALLEYS
59907	LAB	*F	1	M W	60 IU ALLEYS

P E M 138 GOLF.

1 HOUR

STUDENT IS RESPONSIBLE FOR GETTING TRANSPORTATION TO AND FROM THE GOLF RANGE ON RT. 45 NORTH. MAY PROVIDE OWN CAR OR RIDE WITH CLASSMATE.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

59915	LAB	AA	8-10	M W	ROUTE 45 NORTH
59923	LAB	BB	9-11	M W	ROUTE 45 NORTH
59931	LAB	CC	10-12	M W	ROUTE 45 NORTH
59940	LAB	DD	11-1	M W	ROUTE 45 NORTH
59958	LAB	EE	12-2	M W	ROUTE 45 NORTH
59966	LAB	LL	8-10	TU TH	ROUTE 45 NORTH
59974	LAB	MM	9-11	TU TH	ROUTE 45 NORTH
59982	LAB	NN	10-12	TU TH	ROUTE 45 NORTH
59991	LAB	VV	11-1	TU TH	ROUTE 45 NORTH

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY, HUFF GYM.

P E M 139 GOLF, IT.
 SAME AS P. E. W. 139.
 PREREQUISITE: P. E. M. 138 OR P. E. W. 131, AND CONSENT OF INSTRUCTOR.
 1 HOUR
 IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. \$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH.
 CLASSES BEGIN ON MONDAY, APRIL 12, 1971. FIRST CLASS MEETING WILL BE HELD IN 130 FREER GYM.

60009	LAB	JJ	4-6	M W	PAR3 RT 45 SOUTH
60017	LAB	TT	4-6	TU TH	PAR3 RT 45 SOUTH

P E M 140 CANOEING AND SMALL CRAFT OPERATION.
 PREREQUISITE: ABILITY TO JUMP OR DIVE INTO DEEP WATER WHILE CLOTHED AND MAINTAIN A SURVIVAL POSITION FOR TEN MINUTES.
 1 HOUR
 REGISTRATION IS LIMITED TO STUDENTS WITH FREE PERIOD PRECEDING THE COURSE HOUR.
 THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

60025	LAB	FF	1-3	M W	CRYSTAL LAKE
60033	LAB	HH	3-5	M W	CRYSTAL LAKE
60041	LAB	QQ	1-3	TU TH	CRYSTAL LAKE
60050	LAB	SS	3-5	TU TH	CRYSTAL LAKE

NOTE: FIRST CLASS MEETING WILL BE HELD IN 202 MEN'S OLD GYM.

P E M 142 BALLROOM DANCE.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
 MEETS WITH P. E. W. 142.

60068	LAB	B	9	M W	302 H G
60076	LAB	H	3	M W	6 OGLESBY
60084	LAB	J	4	M W	6 OGLESBY
60092	LAB	X	630PM	M W	6 OGLESBY
60106	LAB	XI	730PM	M W	6 OGLESBY
60114	LAB	M	9	TU TH	302 H G
60122	LAB	N	10	TU TH	302 H G
60131	LAB	V	11	TU TH	302 H G
60149	LAB	Y	630PM	TU TH	6 OGLESBY
60157	LAB	YI	730PM	TU TH	6 OGLESBY

P E M 143 AMERICAN SQUARE DANCE.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
 MEETS WITH P. E. W. 143.

60165	LAB	S	3	TU TH	302 H G
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P E M 144 TECHNIQUES IN ANGLING.
 SAME AS P. E. W. 144.
 1 HOUR
 THIS CLASS MEETS MONDAY THROUGH FRIDAY FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

60173	LAB	G	2	MTWTFH	120N ICE RINK
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P E M 145 FIGURE SKATING.
 1 HOUR
 NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
 MEETS WITH P. E. W. 145.
 ALL SECTIONS ARE CO-EDUCATIONAL.
 THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE FIRST HALF OF THE SEMESTER.

60191	LAB	A	8	MTWTFH	120N ICE RINK
60190	LAB	B	9	MTWTFH	120N ICE RINK
60203	LAB	C	10	MTWTFH	120N ICE RINK
60211	LAB	D	11	MTWTFH	120N ICE RINK
60220	LAB	E	12	MTWTFH	120N ICE RINK
60238	LAB	F	1	MTWTFH	120N ICE RINK
60246	LAB	G	2	MTWTFH	120N ICE RINK

P E M 146 DIVING
 PREREQUISITE: OPEN ONLY TO STUDENTS WHO SWIM 50 YARDS IN GOOD FORM.
 1 HOUR

60254	LAB	M	7-1015	TU TH	H G POOL
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P E M 147 TENNIS, II.

PREREQUISITE: P. E. M. 135 OR P. E. M. 136 AND/OR CONSENT OF INSTRUCTOR.

1 HOUR

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST EIGHT WEEKS OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

60262	LAB	GG	2-4	M W	GREG DRIVE CTS
60271	LAB	QQ	1-3	TU TH	H G COURTS
60284	LAB	SS	3-5	TU TH	GREG DRIVE CTS

NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH BALCONY, HUFF GYM.

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR MEN

DEPARTMENT OFFICE

119 H G

COURSES FOR UNDERGRADUATES

P E M 150 INTRODUCTION TO PHYSICAL EDUCATION.

2 HOURS

60327	LECT-DISC	C1	10	M W F	209 H G
60301	LECT-DISC	C2	10	M W F	209 H G

P E M 151 BEGINNING BASKETBALL.

2 HOURS

FIRST HALF OF SEMESTER ENDING FRIDAY, APRIL 2.

60319	LAB-DISC	AA1	8-10	MTUWTHF	209 H G
60327	LAB-DISC	AA2	8-10	MTUWTHF	209 H G

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS IN 100 H G BY ARRANGEMENT.

P E M 152 BEGINNING FOOTBALL.

2 HOURS

SECOND HALF OF SEMESTER BEGINNING TUESDAY, APRIL 13.

60335	LAB-DISC	AA1	8-10	MTUWTHF	209 H G
60343	LAB-DISC	AA2	8-10	MTUWTHF	209 H G

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS ON HUFF GYM FIELDS BY ARRANGEMENT.

P E M 153 FITNESS PROGRAMS.

PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 154.

2 HOURS

60351	LAB-DISC	P1	1	MTUWTHF	209 H G
60360	LAB-DISC	P2	1	MTUWTHF	209 H G

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS BY ARRANGEMENT.

P E M 154 SWIMMING.

PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 153, EXCEPT FOR RECREATION MAJORS.

2 HOURS

NON-SWIMMERS SHOULD SIGN UP FOR P. E. M. 107.

60378	LAB-DISC	S1	2	MTUWTHF	112 H G POOL
60386	LAB-DISC	S2	2	MTUWTHF	112 H G POOL

NOTE: FIRST CLASS MEETING FOR BOTH SECTIONS WILL BE IN HUFF GYM POOL.

P E M 155 GYMNASTICS.

1 HOUR

FIRST HALF OF SEMESTER ENDING FRIDAY, APRIL 2.

60394	LAB-DISC	A1	8	MTUWTHF	312NEM O G
60438	LAB-DISC	A2	8	MTUWTHF	312NEM O G

NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG BY ARRANGEMENT.

P E M 156 WRESTLING.

1 HOUR

FIRST HALF OF SEMESTER ENDING FRIDAY, APRIL 2.

60416	LAB-DISC	B1	9	MTUWTHF	115 MOG ANNEX
60424	LAB-DISC	B2	9	MTUWTHF	115 MOG ANNEX

NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG ANNEX BY ARRANGEMENT.

P E M 157 TRACK AND FIELD.

1 HOUR

LECTURE ON FRIDAYS, ALTERNATING WITH PEM 158.

SECOND HALF OF SEMESTER BEGINNING ON TUESDAY, APRIL 13.

60432	LAB-DISC	LL1	8-10	TU TH	WEST STADIUM
		LL1	8-10	TU THF	WEST STADIUM

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETING ON STADIUM TRACK BY ARRANGEMENT. FIRST MEETING IN WEST GREAT HALL OF MEMORIAL STADIUM.

P E M 158 BASEBALL.

1 HOUR

LECTURE ON FRIDAYS, ALTERNATING WITH PEM 157.

SECOND HALF OF SEMESTER BEGINNING ON WEDNESDAY, APRIL 14.

60441	LAB-DISC	AA1	8-10	M W F	202 M O G
60459	LAB-DISC	AA2	8-10	M W F	202 M O G

NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON THE BASEBALL DIAMOND BY ARRANGEMENT.

P E M 161 SPECIAL SPORTS (SOCCER AND VOLLEYBALL).

1 HOUR

SOCCER BEGINS ON WEDNESDAY, APRIL 14, ON FIELD A, H G.

60467	LAB-DISC	CC	10-12	M W	100 H G
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P E M 163 SPECIAL SPORTS (LACROSSE AND HANDBALL).

1 HOUR

LACROSSE WILL BEGIN ON WEDNESDAY, APRIL 8 ON FIELD B, HUFF GYM.

INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON FIELD B, HUFF GYM.

LACROSSE WILL BEGIN ON MONDAY, APRIL 12.

60475	LAB-DISC	FF	1-3	M W	84 H G
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P E M 164 SPECIAL SPORTS (GOLF AND FENCING).

SAME AS P. F. W. 164.

1 HOUR

GOLF WILL BEGIN ON MONDAY, APRIL 12.

60483	LAB-DISC	RR	1-3	TU TH	302 H G
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P E M 166 ELEMENTARY SCHOOL GAMES.

3 HOURS

*ONE ADDITIONAL HOUR PER WEEK CONFERENCE TO BE ARRANGED.

MEETS WITH P. F. W. 166.

60491	LECT-DISC	A	*9-11	TU TH	11 FREER GYM
60505	LECT-DISC	C	*10-12	W F	11 FREER GYM
60513	LECT-DISC	F	*1-3	M W	207 H G

P E M 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

SECTION P IS FOR 2 HOURS CREDIT.

60521	LECT-DISC	P	10	TU TH	207 H G
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COURSES FOR ADVANCED UNDERGRADUATES

P E M 204 ADMINISTRATION OF PHYSICAL EDUCATION.

PREREQUISITE: SENIOR STANDING IN PHYSICAL EDUCATION.

3 HOURS

THIS COURSE WILL NOT MEET DURING THE SIX WEEKS

STUDENT TEACHING PERIOD.

60530	LECT-DISC	D	11	*TUWTHF	207 H G
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P E M 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION AND RECREATION.

3 HOURS

*SIX ADDITIONAL LABORATORY SESSIONS 3-5 P.M. M. OR 7-9 P.M. TU.

THIS COURSE WILL NOT MEET DURING THE SIX-WEEK

STUDENT TEACHING PERIOD.

60548	LECT-DISC	C	*10	MTUWTHF	300 H G
60556	LECT-DISC	D	*11	MTUWTHF	300 H G

P E M 206 KINESIOLOGY.
 SAME AS P. E. W. 206.
 PREREQUISITE: PHYSL. 103 AND 234.
 3 HOURS

60564	LECT-DISC	C	8-10	M W	332	ARMORY
60572	LECT-DISC	F2	1-3	M W	130	FREER GYM
60581	LECT-DISC	P	1-3	TU TH	130	FREER GYM

P E M 207 PREVENTION AND CARE OF ATHLETIC INJURIES.
 PREREQUISITE: PHYSL. 103 AND 234.
 3 HOURS

60599	LECT	M	9	TU TH	207	H G
	LAB	M	11-1	TU	ARR	

P E M 208 THEORY OF PRESCRIBING EXERCISE.
 PREREQUISITE: PHYSL. 103 AND 234.
 3 HOURS
 *THREE ADDITIONAL HOURS TO BE ARRANGED.

60602	LAB-DISC	L	*3	TU TH	202	M J G
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P E M 209 HISTORY OF SPORT.
 SAME AS P. E. W. 209.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS
 *SECTION D1 IS RECOMMENDED FOR NON-MAJORS.

60611	LECT-DISC	D	11	M W F	133	ARMORY
60645	LECT-DISC	*D1	11	M W F	209	H G
60629	LECT-DISC	A	1	TU TH	207B	FREER GYM
		R	2	TH	207B	FREER GYM
60637	LECT-DISC	R1	1	TU TH	243	ARMORY
		R1	2	TH	243	ARMORY

P E M 210 INSPECTION TRIP.
 0 CREDIT
 THREE DAYS--ESTIMATED EXPENSE, \$30 TO \$40.
 30TH ANNUAL INSPECTION TRIP--DATES TO BE ANNOUNCED.
 FIRST MEETING--FEBRUARY 18, 7 PM, 209 HUFF GYM, FINAL MEETING TO BE ARRANGED.

60653	LAB-DISC		ARR			
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P E M 213 ADVANCED FOOTBALL.
 PREREQUISITE: P. E. M. 152.
 1 HOUR
 SECOND HALF OF SEMESTER BEGINNING ON WEDNESDAY, APRIL 14.

60661	LAB-DISC	D	11	M W F	207A	H G
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P E M 214 ADVANCED BASKETBALL.
 PREREQUISITE: P. E. M. 151.
 1 HOUR
 FIRST HALF OF SEMESTER.

60670	LAB-DISC	D	11	M W F	207A	H G
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P E M 216 ADVANCED WRESTLING.
 PREREQUISITE: P. E. M. 156 OR CONSENT OF INSTRUCTOR.
 2 HOURS
 *AN ADDITIONAL LABORATORY SESSION TO BE ARRANGED.

60688	LAB-DISC	F	*2	M W F	115	MOG ANNEX
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P E M 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
 PREREQUISITE: JUNIOR STANDING, AND A NON-PHYSICAL EDUCATION STUDENT.
 2 HOURS
 MEETS WITH P. E. W. 220.

60696	LECT-DISC	F1	1	M W F	218	E B
60700	LECT-DISC	F2	1	M W F	11	E B
60718	LECT-DISC	G1	2	M W F	218	E B
60726	LECT-DISC	G2	2	M W F	11	E B

P E M 225 SUPERVISED EXPERIENCE IN PHYSICAL EDUCATION.
 PREREQUISITE: JUNIOR STANDING.
 *MUST BE REPEATED FOR A TOTAL OF 3 HOURS. TWO HOURS CREDIT IS EARNED WHEN FIRST COMPLETED AND 1 HOUR WHEN REPEATED.
 *1 OR 2 HOURS
 NOTE: FIRST CLASS MEETING WILL BE MONDAY, FEB. 8, 1971, AT 6:45 P.M. IN 209 HUFF GYM.

60734	LAB-DISC		ARR			
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P F M 235 SQUARE AND BALLROOM DANCE.

2 HOURS
MEETS WITH P. F. W. 235.
60742 LAB-DISC R 1-3 TU TH 218 E B
60751 LAB-DISC X 7-9PM M W 218 E B

P F M 240 PHYSIOLOGY OF HUMAN EXERCISE.
SAME AS P. F. W. 240.

PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS
60749 LECT-DISC F 2 MTWTH 207A H G

P F M 250 SPECIAL PROBLEMS.

PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT
AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.
APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
#2 OR 3 HOURS
60777 LAB-DISC AKK

P F M 260 HONORS SEMINAR.

SAME AS H. ED. P. F. W. AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
PRECEDING SEMESTER; CONSENT OF FACULTY ADVISOR, INSTRUCTOR AND HEAD
OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
#2 HOURS
SECTION EX1 TOPIC: CURRENT PROBLEMS.
SECTION EX2 TOPIC: INTRODUCTION TO RESEARCH.
60765 LECT-DISC EX1 7-9PM W 207B FREER GYM
60793 LECT-DISC EX2 7-9PM W 15 F B

P F M 271 ADMINISTRATION OF HIGH SCHOOL SPORT PROGRAMS.

3 HOURS
60807 LECT-DISC C 10 M W F 211 H G

P F M 272 ORGANIZATION OF AQUATIC PROGRAMS.

SAME AS P. F. W. AND REC. 272.
2 HOURS
60815 LECT-DISC B 9 TU TH 207A H G

PHYSICAL EDUCATION

DEPARTMENT OFFICE 121 HUFF GYM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

P F 302 PROBLEMS OF FACILITIES PLANNING, CONSTRUCTION, AND
UTILIZATION.

PREREQUISITE: P. F. M. 204 OR P. E. W. 204, OR EQUIVALENT, OR
CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 OR 1 UNIT
60823 LECT-DISC 7-9PM W 207A H G KELLER

P F 303 INTERNATIONAL PHYSICAL EDUCATION AND SPORT.

PREREQUISITE: P. F. W. OR P. E. M. 209, OR CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 OR 1 UNIT
60831 LECT-DISC 730-930PM M 207A H G JOHNSON

P F 306 QUANTITATIVE METHODS IN ERGONOMICS.

SAME AS I. E. AND PHYSL. 306.
PREREQUISITE: I.F./P.E./PHYSL. 305.
4 HOURS OR 1 UNIT
60840 LAB 1-4 TU TH 422 BUR HALL

COURSES FOR GRADUATES

P F	406	PHILOSOPHY OF PHYSICAL EDUCATION AND SPORT. PREREQUISITE: PHIL. 101 AND HP. ED. 305. 1 UNIT	60358	LECT-DISC	9-1130	W	329	ARMORY	ZEIGLER
P F	407	SPORT PSYCHOLOGY. PREREQUISITE: PSYCH. 100, ED. PSY. 211, CONSENT OF INSTRUCTOR. 1 UNIT	60356	LECT LAB	4-6 2-4	TU TU	301 301	H G. H G	HUBBARD HUBBARD
P F	408	PRINCIPLES OF KINESIOTHERAPY. PREREQUISITE: ANATOMY, PHYSIOLOGY, KINESIOLOGY, AND PHYSIOLOGY OF EXERCISE, OR CONSENT OF INSTRUCTOR. 1 UNIT *THREE ADDITIONAL HOURS IN EXERCISE THERAPY CLINIC SELECTED FROM THE PERIODS 3-6 M, W, OR F.	60374	LECT-DISC	*11	TU TH	202	M O G	SHELTON
P E	416	EXPERIMENTAL KINESIOLOGY. PREREQUISITE: PHYSI. 234 OR EQUIVALENT; P. E. M. OR P. E. W. 206 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR. 1 UNIT	60382	LECT LAB	9-11 1-3	M M	301 301	H G H G	HUELSTER DEUTSCH
P F	449	THE SOCIOLOGY OF SPORT. SAME AS SOC. 449. PREREQUISITE: NINE HOURS OF SOCIOLOGY OR ANTHROPOLOGY INCLUDING A COURSE IN RESEARCH METHODS, OR CONSENT OF INSTRUCTOR. 1 UNIT	60391	LECT-DISC	1-330	F	207	H G	LUESCHEN
P E	453	ANTHROPOMETRICAL AND BODY MECHANICS RESEARCH TECHNIQUES. PREREQUISITE: P. F. 495 AND 451, COLLEGE ALGEBRA AND TRIGONOMETRY. 1 UNIT	60904	LECT LAB	4-6 2-4	W W	211 302	H G H G	MASSEY MASSEY
P F	490	SEMINAR. 2 CREDIT	60912	LECT-DISC *U1	3-5	TH	209	H G	STAFF
P E	493	SPECIAL PROJECTS. 1/2 OR 1 UNIT	60921	CONF	ARR				STAFF
P E	494	SPECIAL TOPICS IN PHYSICAL EDUCATION. 1/2 OR 1 UNIT	60939	LECT-DISC	8-930	TU TH	151	ARMORY	MARTENS
P E	499	THESIS RESEARCH. 3 TO 4 UNITS	60947	CONF	ARR				STAFF

PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE

117 FREER GYM

BASIC INSTRUCTION COURSES

COURSES FOR UNDERGRADUATES

FRESHMEN AND SOPHOMORES: OF THE FOUR SEMESTERS REQUIRED IN PHYSICAL EDUCATION, THE DEPARTMENT RECOMMENDS ONE SEMESTER OF BASIC MOVEMENT (PEW 100) AND RECOMMENDS ONE SEMESTER OF SWIMMING (PEW 110 OR 111). ANY COURSE NOT PREVIOUSLY TAKEN MAY BE TAKEN IN THE TWO REMAINING SEMESTERS.

NOTE: MOST PEW BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES IN ORDER TO FACILITATE REGISTRATION OF ADVANCE ENROLLEES. THESE SEQUENCES ARE AS FOLLOWS:

- SEQUENCE 1 - PEW 107, 111, 122, 124, 136
- SEQUENCE 2 - PEW 104, 110, 121, 123, 132, 135
- SEQUENCE 3 - PEW 120, 130, 133, 138, 142, 145

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

CREDIT(S) MAY BE EARNED BY SUCCESSFUL COMPLETION OF PROFICIENCY EXAMINATION(S). APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM. APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM.

WOMEN ENROLLING IN PEW 112, 115, 140 OR 147 SHALL BE GRANTED CREDIT.

PEW 100 BASIC MOVEMENT.

1 HOUR

*SECTION GG MEETS WITH PEW 116--OPEN ONLY TO VOICE AND THEATRE MAJORS.

60955	LAB	E	1210-1240	M	W	F	26	E B
60963	LAB	EE	1255-125	M	W	F	26	E B
60971	LAB	F	140-210	M	W	F	26	E B
60980	LAB	G	225-255	M	W	F	26	E B
61047	LAB	*GG	210-255	M	W	F	311	FREER GYM
60998	LAB	KK	710-755PM	M	W		310	FREER GYM
61004	LAB	M	8-845	TU	TH		218	F B
61012	LAB	N	910-955	TU	TH		218	F B
61021	LAB	T	310-355	TU	TH		26	E B
61039	LAB	U	410-455	TU	TH		26	E B

PEW 101 PRESCRIBED EXERCISE.

PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE.

1 HOUR

*SECTION I IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

61055	LAB	A	8-830	M	W	F	215	FREER GYM
61062	LAB	C	1055-1125	M	W	F	215	FREER GYM
61071	LAB	*I	410-440	M	W	F	116	E B POOL

PEW 102 MODIFIED ACTIVITIES.*

PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE.

1 HOUR

61080	LAB	B	910-955	M	W		215	FREER GYM
61098	LAB	C	1010-1040	M	W	F	215	FREER GYM
61101	LAB	H	310-340	M	W	F	215	FREER GYM

PEW 103 CONDITIONING AND FIGURE CONTROL.

1 HOUR

61110	LAB	D	1140-1210	M	W	F	215	FREER GYM
61128	LAB	E	1225-1255	M	W	F	215	FREER GYM
61136	LAB	I	410-455	M	W		215	FREER GYM
61144	LAB	J	510-555	M	W		215	FREER GYM
61152	LAB	KK	710-755PM	M	W		215	FREER GYM
61161	LAB	O	1010-1055	TU	TH		215	FREER GYM
61179	LAB	P	1110-1155	TU	TH		215	FREER GYM
61187	LAB	Q	1210-1255	TU	TH		215	FREER GYM
61195	LAB	T	310-355	TU	TH		215	FREER GYM
61209	LAB	U	410-455	TU	TH		215	FREER GYM
61217	LAB	X	710-755PM	TU	TH		215	FREER GYM

P. E. W. 104 MODERN DANCE.

1 HOUR

61225	LAB	A	8-845	M W	10	FREER GYM
61223	LAB	B	910-955	M W	310	FREER GYM
61241	LAB	C	1010-1040	M W F	218	E 9
61250	LAB	CC	1055-1125	M W F	218	E 3
61268	LAB	D	1140-1210	M W F	218	E 8
61276	LAB	E	1225-1255	M W F	218	E 3
61284	LAB	M	8-845	TU TH	10	FREER GYM
61292	LAB	N	910-955	TU TH	310	FREER GYM

P. E. W. 107 MODERN GYMNASTICS, I.

1 HOUR

61305	LAB	C	1010-1055	M W	311	FREER GYM
61314	LAB	D	1110-1155	M W	311	FREER GYM
61322	LAB	F	110-155	M W	311	FREER GYM
61331	LAB	Q	1210-1255	TU TH	311	FREER GYM
61349	LAB	P	110-155	TU TH	311	FREER GYM
61357	LAB	S	210-255	TU TH	311	FREER GYM
61365	LAB	X	710-755PM	M W	311	FREER GYM
61373	LAB	Y	810-855PM	M W	311	FREER GYM

P. E. W. 108 MODERN GYMNASTICS, II.

PREREQUISITE: P. E. W. 107 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.

1 HOUR

61381	LAB	C	1010-1055	TU TH	311	FREER GYM
61390	LAB	P	1110-1155	TU TH	311	FREER GYM

P. E. W. 109 PERSONAL DEFENSE.

1 HOUR

*SECTIONS A, B AND V MEET THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

61446	LAB	*A	8-845	MTUWTH	311	FREER GYM
61454	LAB	*B	910-955	MTUWTH	311	FREER GYM
61403	LAB	J	410-455	M W	311	FREER GYM
61411	LAB	UU	410-455	TU TH	311	FREER GYM
61462	LAB	*V	510-555	MTUWTH	311	FREER GYM
61470	LAB	X	710-755PM	TU TH	311	FREER GYM
61438	LAB	Y	810-855PM	TU TH	311	FREER GYM

P. E. W. 110 ELEMENTARY SWIMMING.

1 HOUR

61471	LAB	D	1110-1140	M W F	116	E B POOL
61489	LAB	F	12-1230	M W F	116	E B POOL
61477	LAB	EE	1250-120	M W F	116	E B POOL
61501	LAB	F	140-210	M W F	116	E 9 POOL
61519	LAB	G	230-3	M W F	116	E B POOL
61527	LAB	I	410-440	M W F	116	E B POOL

P. E. W. 111 SPR-INTERMEDIATE SWIMMING.

1 HOUR

61535	LAB	B	910-955	M W	116	E B POOL
61543	LAB	H	315-4	M W	116	E 9 POOL
61551	LAB	M	8-845	TU TH	116	E B POOL
61560	LAB	N	910-955	TU TH	116	E B POOL
61578	LAB	C	1010-1055	TU TH	116	E B POOL
61586	LAB	P	1110-1155	TU TH	116	E B POOL
61594	LAB	Q	1210-1255	TU TH	116	E B POOL

P. E. W. 112 INTERMEDIATE SWIMMING.

1 HOUR

61608	LAB	A	8-845	M W	116	E B POOL
61616	LAB	S	210-255	TU TH	116	E 9 POOL
61624	LAB	T	310-355	TU TH	116	E 9 POOL

P. E. W. 114 LIFE SAVING.

PREREQUISITE: P. E. W. 112 OR EQUIVALENT.

1 HOUR

61632	LAB	J	510-555	M W	116	E B POOL
61641	LAB	R	110-155	TU TH	116	E B POOL
61659	LAB	W	610-655PM	TU TH	116	E 9 POOL

P. E. W. 115 SYNCHRONIZED SWIMMING.

PREREQUISITE: P. E. W. 112.

1 HOUR

61667	LAB	U	410-455	TU TH	116	E 9 POOL
61675	LAB	X	710-755PM	TU TH	116	E B POOL

P F W 116 DIVING.

PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.

1 HOUR

FIRST CLASS MEETINGS FOR BOTH SECTIONS IN ROOM 207 HUFF GYM.

61683	LAB	X	710-755PM	TU TH	112	H G POOL
61691	LAB	Y	810-855PM	TU TH	112	H G POOL

P F W 117 WATER SAFETY.

PREREQUISITE: AMERICAN RED CROSS SENIOR LIFE SAVING CERTIFICATE.

1 HOUR

61705	LAB	K	610-655PM	M W	116	E B POOL
61713	LAB	L	810-855PM	M W	116	E B POOL
61721	LAB	V	510-555	TU TH	116	E B POOL

P F W 118 COMPETITIVE SWIMMING.

PREREQUISITE: P. F. W. 112 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.

1 HOUR

61730	LAB	K	710-755PM	M W	116	E B POOL
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P F W 121 LACROSSE.

1 HOUR

ALL SECTIONS MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING

APRIL 12, 1971.

61748	LAB	O	1010-1055	TU TH	210	FREER GYM
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P F W 122 SPEEDBALL.

1 HOUR

ALL SECTIONS MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING

APRIL 12, 1971.

61756	LAB	F	1110-1155	TU TH	210	FREER GYM
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P F W 123 BASKETBALL.

1 HOUR

61764	LAB	H	310-355	M W	26	E B
61772	LAB	I	410-455	M W	26	E B
61781	LAB	J	510-555	M W	26	E B
61799	LAB	M	8-845	TU TH	26	E B
61802	LAB	N	910-955	TU TH	26	E B
61811	LAB	X	710-755PM	TU TH	310	FREER GYM

P F W 124 VOLLEYBALL.

1 HOUR

*SECTIONS X AND Y MEET WITH P. E. M. 129.

*SECTIONS AA AND HH MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING

APRIL 12, 1971.

61829	LAB	A	8-845	M W	218	E B
61877	LAB	*AA	8-845	MTUWTH	310	FREER GYM
61837	LAB	B	910-955	M W	218	E B
61845	LAB	H	310-355	M W	218	E B
61985	LAB	*HH	310-355	MTUWTH	310	FREER GYM
61853	LAB	I	410-455	M W	218	E B
61861	LAB	J	510-555	M W	218	E B
61870	LAB	O	1005-1055	TU TH	218	E B
61888	LAB	P	1105-1155	TU TH	218	E B
61896	LAB	Q	1205-1255	TU TH	218	E B
61900	LAB	T	310-355	TU TH	218	E B
61918	LAB	U	410-455	TU TH	218	E B
61926	LAB	UU	410-455	TU TH	310	FREER GYM
61934	LAB	V	510-555	TU TH	218	E B
61942	LAB	VV	510-555	TU TH	310	FREER GYM
61951	LAB	*X	710-755PM	TU TH	218	E B
61969	LAB	*Y	810-855PM	TU TH	218	E B

P F W 130 BADMINTON.

1 HOUR

*SECTIONS F AND G MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

61993	LAB	A	8-845	M W	26	E B
62000	LAB	B	910-955	M W	26	E B
62018	LAB	D	1110-1155	M W	26	E B
62026	LAB	J	510-555	M W	310	FREER GYM
62034	LAB	KK	710-755PM	M W	26	E B
62042	LAB	L	810-855PM	M W	26	E B
62123	LAB	*F	110-155	MTUWTH	310	FREER GYM
62131	LAB	*G	210-255	MTUWTH	310	FREER GYM
62051	LAB	Q	1210-1255	TU TH	26	E B
62069	LAB	QQ	1210-1255	TU TH	310	FREER GYM
62077	LAB	R	110-155	TU TH	26	E B
62085	LAB	S	210-255	TU TH	26	E B
62093	LAB	V	510-555	TU TH	26	E B
62107	LAB	X	710-755PM	TU TH	26	E B
62115	LAB	Y	810-855PM	TU TH	26	E B

P F W 131 GOLF.

1 HOUR

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.

\$14.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP

TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 JN

U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3

COURSE WILL BE AN ADDITIONAL \$3.25.

ALL SECTIONS MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

62140	LAB	F	110-240	M W	11	FREER GYM
62158	LAB	FF	110-240	M W	210	FREER GYM
62166	LAB	H	310-440	M W	11	FREER GYM
62174	LAB	HH	310-440	M W	210	FREER GYM
62182	LAB	P	1110-1240	M W	11	FREER GYM
62191	LAB	PP	1110-1240	M W	210	FREER GYM
62204	LAB	P	110-240	TU TH	11	FREER GYM
62212	LAB	PR	110-240	TU TH	210	FREER GYM
62221	LAB	T	310-440	TU TH	11	FREER GYM
62239	LAB	TT	310-440	TU TH	210	FREER GYM

P F W 132 BOWLING.

1 HOUR

ALLEY SERVICE CHARGE, \$7.50.

*SECTIONS D, F, P AND R MEET WITH P. E. M. 137.

62247	LAB	A	8-845	M W	60	I U ALLEYS
62255	LAB	AA	8-845	M W	60	I U ALLEYS
62263	LAB	B	9-945	M W	60	I U ALLEYS
62271	LAB	BB	9-945	M W	60	I U ALLEYS
62280	LAB	C	10-1045	M W	60	I U ALLEYS
62298	LAB	CC	10-1045	M W	60	I U ALLEYS
62301	LAB	*D	11-1145	M W	60	I U ALLEYS
62310	LAB	*E	1-145	M W	60	I U ALLEYS
62328	LAB	*P	11-1145	TU TH	60	I U ALLEYS
62336	LAB	*R	1-145	TU TH	60	I U ALLEYS

P F W 133 FENCING.

1 HOUR

*SECTIONS F, FF, G, H AND I MEET FOR THE FIRST EIGHT WEEKS ONLY, ENDING APRIL 2, 1971.

62344	LAB	A	8-845	M W	11	FREER GYM
62352	LAB	B	910-955	M W	11	FREER GYM
62395	LAB	*F	110-145	MTUWTHF	11	FREER GYM
62409	LAB	*FF	155-230	MTUWTHF	11	FREER GYM
62417	LAB	*G	240-315	MTUWTHF	11	FREER GYM
62425	LAB	*H	325-410	MTUWTH	11	FREER GYM
62433	LAB	*I	420-505	MTUWTH	11	FREER GYM
62361	LAB	KK	710-755PM	M W	11	FREER GYM
62379	LAB	M	8-845	TU TH	11	FREER GYM
62387	LAB	X	710-755PM	TU TH	11	FREER GYM

P F W 135 ARCHERY.

1 HOUR

*SECTION D MEETS WITH P. E. M. 132 AND MEETS THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

*SECTIONS J AND K MEET THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

62441	LAB	C	1010-1055	M W	11	FREER GYM
62464	LAB	*D	1110-1155	MTUWTH	207B	FREER GYM
62476	LAB	*J	510-555	MTUWTH	11	FREER GYM
62484	LAB	*K	610-655PM	MTUWTH	11	FREER GYM
62490	LAB	Q	1210-1255	TU TH	11	FREER GYM

P E W 136 TENNIS.

1 HOUR

ALL SECTIONS MEET THE LAST EIGHT WEEKS, BEGINNING APRIL 12, 1971.

*SECTIONS H AND K MEET WITH P. E. M. 135.

62492	LAB	C	1010-1045	MTUWTHF	207	FREER GYM
62536	LAB	CC	1055-1130	MTUWTHF	207	FREER GYM
62514	LAB	O	1140-1215	MTUWTHF	207	FREER GYM
62522	LAB	E	1225-1	MTUWTHF	207B	FREER GYM
62531	LAB	F	110-145	MTUWTHF	210	FREER GYM
62549	LAB	FF	155-230	MTUWTHF	210	FREER GYM
62557	LAB	G	240-315	MTUWTHF	210	FREER GYM
62565	LAB	*H	370-405	MTUWTH	207B	FREER GYM
62573	LAB	*K	6-73CPM	TU TH	207	FREER GYM

P E W 138 TRACK AND FIELD.

1 HOUR

ALL SECTIONS MEET THE LAST EIGHT WEEKS, BEGINNING APRIL 12, 1971.

62581	LAB	B	910-955	MTUWTH	207	FREER GYM
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P E W 139 GOLF, II.

SAME AS P. E. M. 139.

PREREQUISITE: P. E. W. 131 OR P. E. M. 138, AND CONSENT OF INSTRUCTOR.

1 HOUR

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. \$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3 COURSE WILL BE AN ADDITIONAL \$0.25.

ALL SECTIONS MEET THE LAST EIGHT WEEKS, BEGINNING APRIL 12, 1971.

ALL SECTIONS ARE CO-EDUCATIONAL. FIRST CLASS MEETING IN 130 FREER GYM.

62590	LAB	JJ	4-6	M W	PAR3 RT 45 SOUTH
62603	LAB	TT	4-6	TU TH	PAR3 RT 45 SOUTH

P E W 140 ADVANCED TENNIS.

PREREQUISITE: P. E. W. 136 OR CONSENT OF INSTRUCTOR.

1 HOUR

ALL SECTIONS MEET THE LAST EIGHT WEEKS, BEGINNING APRIL 12, 1971.

62611	LAB	J	6-730PM	M W	207	FREER GYM
62620	LAB	U	410-540	TU TH	207	FREER GYM

P E W 142 BALLROOM DANCE.

1 HOUR

MEETS WITH P.E.M. 142.

62638	LAB	B	9-945	M W	302	H G
62646	LAB	H	3-345	M W	6	OGLESBY
62654	LAB	I	4-445	M W	6	OGLESBY
62662	LAB	K	630-715PM	M W	6	OGLESBY
62671	LAB	KK	730-815PM	M W	6	OGLESBY
62689	LAB	N	9-945	TU TH	302	H G
62697	LAB	O	10-1045	TU TH	302	H G
62701	LAB	P	11-1145	TU TH	302	H G
62719	LAB	W	630-715PM	TU TH	6	OGLESBY
62727	LAB	X	730-815PM	TU TH	6	OGLESBY

P E W 143 AMERICAN SQUARE DANCE.

1 HOUR

MEETS WITH P.E.M. 143.

62735	LAB	T	3-345	TU TH	302	H G
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P E W 144 TECHNIQUES IN ANGLING.

SAME AS P. E. M. 144.

1 HOUR

MEETS FOR THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

62743	LAB	G	2	MTUWTHF	120N	ICE RINK
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P E W 145 FIGURE SKATING.

1 HOUR

MEETS WITH P.E.M. 145.

ALL SECTIONS MEET THE FIRST EIGHT WEEKS, ENDING APRIL 2, 1971.

62751	LAB	A	8-835	MTUWTHF	120S	ICE RINK
62760	LAB	B	9-945	MTUWTH	120S	ICE RINK
62773	LAB	C	1010-1045	MTUWTHF	120S	ICE RINK
62786	LAB	D	1110-1145	MTUWTHF	120S	ICE RINK
62794	LAB	F	1210-1245	MTUWTHF	120S	ICE RINK
62808	LAB	F	110-145	MTUWTHF	120S	ICE RINK
62816	LAB	G	210-245	MTUWTHF	120S	ICE RINK

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE

117 FREER GYM

COURSES FOR UNDERGRADUATES

P. F. W. 150 PROFESSIONAL ORIENTATION.

2 HOURS

62924 LECT-DISC T 3 TU TH 130 FREER GYM

P. F. W. 151 BASIC MOVEMENT AND BODY MECHANICS.

1 HOUR

62932 LAB F 12 M W F 133 ARMORY

P. F. W. 153 BASKETBALL AND TRACK AND FIELD.

1 HOUR

62941 LAB A 8 MTWTH 310 FREER GYM

62959 LAB F 1 MTWTH 310 FREER GYM

62957 LAB G 2 MTWTH 310 FREER GYM

62875 LAB H 3 MTWTH 310 FREER GYM

P. F. W. 155 GYMNASTICS AND APPARATUS II AND TENNIS.

PREREQUISITE: P. F. W. 154 OR CONSENT OF INSTRUCTOR.

1 HOUR

62943 LAB A1 8-10 M W 311 FREER GYM

62991 LAB A2 8-10 M W 311 FREER GYM

62905 LAB L1 8-10 TU TH 311 FREER GYM

62913 LAB L2 8-10 TU TH 311 FREER GYM

P. F. W. 156 STUNTS, TUMBLING, AND TRAMPOLINE.

PREREQUISITE: P. F. W. 151.

1 HOUR

62921 LAB F1 1-3 F 311 FREER GYM

62930 LAB F1 7-9PM W 312NEM D G

62930 LAB F2 1-3 F 215 FREER GYM

62930 LAB F2 7-9PM W 312NEM D G

P. F. W. 157 MODERN DANCE.

1 HOUR

62948 LAB C 10 MTWTH 26 F B

62956 LAB H 3 MTWTH 311 FREER GYM

P. F. W. 164 SPECIAL SPORTS (GOLF AND FENCING).

SAME AS P. F. M. 164.

1 HOUR

62964 LAB-DISC RR 1-3 TU TH 302 H G

P. F. W. 165 TEACHING OF SWIMMING.

PREREQUISITE: SOPHOMORE STANDING, P. F. W. 112 AND 151.

2 HOURS

*ONE ADDITIONAL HOUR TO BE ARRANGED.

62972 LECT C *10 M W 116 E 3 POOL

62972 LAB C *11 M W 11 E B

P. F. W. 166 ELEMENTARY SCHOOL GAMES.

PREREQUISITE: SOPHOMORE STANDING; CREDIT OR REGISTRATION IN PSYCH.

216 OR 217 OR EDPSY. 236.

3 HOURS

*ONE ADDITIONAL HOUR CONFERENCE PER WEEK TO BE ARRANGED.

MEETS WITH P. F. M. 166.

62941 LECT-DISC N 9-11 TU TH 11 FREER GYM

62999 LECT-DISC C 10-12 W F 11 FREER GYM

63005 LECT-DISC F 1-3 M W 207 H G

P. F. W. 167 TEACHING OF GYMNASTICS AND DANCE.

PREREQUISITE: JUNIOR STANDING, P. F. W. 154, 155, 157, AND 166.

2 HOURS

63013 LAB-DISC F1 12 M W F 311 FREER GYM

63021 LAB-DISC E2 12 M W F 310 FREER GYM

P. F. W. 181 VOLLEYBALL OFFICIATING.
 PREREQUISITE: P. F. W. 124 OR 152 OR CONSENT OF INSTRUCTOR.
 1 HOUR
 63030 LAB I 4 M W 310 FREER GYM

COURSES FOR ADVANCED UNDERGRADUATES

P. F. W. 204 ORGANIZATION OF PHYSICAL EDUCATION.
 PREREQUISITE: CONCURRENT REGISTRATION IN ED. PR. 239, 242, AND 250.
 3 HOURS
 WILL NOT MEET DURING THE TEN-WEEK STUDENT TEACHING PERIOD.
 63048 LECT-DISC 9 MTUWTF APR

P. F. W. 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.
 PREREQUISITE: JUNIOR STANDING. CONCURRENT REGISTRATION IN P. F. W. 213 AND 215.
 3 HOURS
 63056 LECT-DISC 10 TU TH SEM ILL ST RES
 11 TU SEM ILL ST RES

P. F. W. 206 KINESIOLOGY.
 SAME AS P. F. W. 206.
 PREREQUISITE: PHYS. 103 AND 234.
 3 HOURS
 63064 LECT-DISC C 8-10 M W 332 ARMORY
 63072 LECT-DISC F2 1-3 M W 130 FREER GYM
 63081 LECT-DISC R 1-3 TU TH 130 FREER GYM

P. F. W. 208 THEORY OF PRESCRIBING EXERCISE.
 PREREQUISITE: P. F. W. 206. CONCURRENT REGISTRATION IN P. F. W. 222.
 3 HOURS
 TWO LAB HOURS TO BE ARRANGED FOR IN EXERCISE CLINIC, 3-5 M-W-F.
 63099 LECT-DISC L *3 TU TH 130 FREER GYM
 63102 LECT-DISC M *9 TU TH 130 FREER GYM

P. F. W. 209 HISTORY OF SPORT.
 SAME AS P. F. W. 209.
 PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS
 *SECTION 01 IS RECOMMENDED FOR NON-MAJORS.
 63111 LECT-DISC D 11 M W F 133 ARMORY
 63145 LECT-DISC *01 11 M W F 209 H G
 63129 LECT-DISC R 1 TU TH 207B FREER GYM
 R 2 TH 207A FREER GYM
 63137 LECT-DISC F1 1 TU TH 243 ARMORY
 R1 2 TH 243 ARMORY

P. F. W. 210 OBSERVATION TRIPS.
 PREREQUISITE: JUNIOR STANDING.
 TRIPS—ESTIMATED EXPENSE \$30.
 0 CREDIT
 63153 LAB 5 TU 210 FREER GYM

P. F. W. 213 TEACHING OF TEAM SPORTS.
 PREREQUISITE: JUNIOR STANDING; P. F. W. 151, 152, 153, 154, 166 AND P. F. W. 165 OR 214, OR CONSENT OF INSTRUCTOR. CONCURRENT REGISTRATION IN P. F. W. 205 AND 215.
 4 HOURS
 63161 LECT-DISC 10 M W F 130 FREER GYM
 11 M W 130 FREER GYM

P. F. W. 214 TEACHING OF INDIVIDUAL SPORTS.
 PREREQUISITE: JUNIOR STANDING; P. F. W. 151, 153, 155, 166 OR CONSENT OF INSTRUCTOR.
 2 HOURS
 63170 LECT-DISC 10 TU TH 130 FREER GYM
 11 TU 130 FREER GYM

P. F. W. 215 SUPERVISED EXPERIENCE AND TEACHING, II.
 PREREQUISITE: JUNIOR STANDING; P. F. W. 216; CONCURRENT REGISTRATION IN P. F. W. 205 AND 213.
 0 CREDIT
 63188 LAB-DISC 11 F 130 FREER GYM

P F W 216 SUPERVISED EXPERIENCE AND TEACHING, I.
 PREREQUISITE: JUNIOR STANDING; P. E. W. 166; COMPLETION OF ONE
 ELECTED INDIVIDUAL SPORT.

2 CREDIT
 64196 LAB-DISC 11 TH 130 FREER GYM

P F W 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
 PREREQUISITE: JUNIOR STANDING, NON-PHYSICAL EDUCATION MAJOR.
 2 HOURS

MEETS WITH P.E.M. 220.
 63203 LECT-DISC F1 1 M W F 218 E B
 63218 LECT-DISC F2 1 M W F 11 E B
 63226 LECT-DISC G1 2 M W F 218 E B
 63234 LECT-DISC G2 2 M W F 11 E B

P F W 222 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.
 PREREQUISITE: P. E. W. 154 AND 166, DANCE 235, 48 OR MORE HOURS
 OF APPROVED LABORATORY WORK WITH CHILDREN OR CONSENT OF INSTRUCTOR.
 CONCURRENT REGISTRATION IN P. E. W. 208.

2 HOURS
 63242 LECT-DISC E 12 M W F 130 FREER GYM
 63251 LECT-DISC H 3 M W F 130 FREER GYM

P F W 235 SQUARE AND BALLROOM DANCE.

2 HOURS
 MEETS WITH P. E. W. 235.
 63209 LAB-DISC R 1-3 TU TH 218 E B
 63277 LAB-DISC X 7-9PM M W 218 E B

P F W 240 PHYSIOLOGY OF HUMAN EXERCISE.
 SAME AS P. E. M. 240.

PREREQUISITE: PHYS. 103 AND 234.
 3 HOURS
 63285 LECT-DISC F 2 MTUWTH 207A H G

P F W 250 SPECIAL PROBLEMS.
 PREREQUISITE: JUNIOR OR SENIOR STANDING; GRADE-POINT AVERAGE OF
 3.5; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
 *MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS CREDIT.
 *2 OR 3 HOURS

63293 CONF ARR

P F W 260 HONORS SEMINAR.
 SAME AS H. ED., P. E. M., AND REC. 260.

PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
 PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD
 OF DEPARTMENT.

*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.

*2 HOURS

SECTION 6X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.

SECTION 6X2 TOPIC: INTRODUCTION TO RESEARCH.

63307 LECT-DISC 6X1 7-9PM W 207A FREER GYM
 63315 LECT-DISC 6X2 7-9PM W 15 E B

P F W 272 ORGANIZATION OF AQUATIC PROGRAMS.
 SAME AS P. E. M. AND REC. 272.

2 HOURS
 63323 LECT-DISC B 9 TU TH 207A H G

PHYSICS

DEPARTMENT OFFICE

211 P B

ENGINEERING PHYSICS CURRICULUM--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. CURRICULUM IN PHYSICS--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. GENERAL CURRICULUM MAJOR: TWENTY HOURS IN PHYSICS, INCLUDING PHYSICS 321, 341, AND 342, AND EXCLUDING COURSES WITH NUMBERS LOWER THAN 270.

L.A.S. GENERAL CURRICULUM MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH NOT LESS THAN EIGHT HOURS IN EACH IF TWO ARE CHOSEN--ASTRONOMY, CHEMISTRY, EDUCATION, GEOLOGY, MATHEMATICS, ZOOLOGY OR ANY ONE BRANCH OF ENGINEERING.

PHYSICS 171 AND 102 ARE RECOMMENDED TO PREMEDICAL, PREDENTAL, ARCHITECTURE, AND OTHER STUDENTS NOT SPECIALIZING IN PHYSICS, MATHEMATICS, CHEMISTRY OR ENGINEERING.

THE CALCULUS PREREQUISITE FOR CERTAIN COURSES MAY BE SATISFIED EITHER BY MATH. 132 AND 142, OR MATH. 133 AND 143.

COURSES FOR UNDERGRADUATES

PHYS 101 GENERAL PHYSICS (MECHANICS, HEAT, AND SOUND).

FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.

PREREQUISITE: TRIGONOMETRY.

5 HOURS

63331	LECT	A	2	TU TH	151	P B
63340	LAB	A	9-12	M	32	P B
	QUIZ	A	10-12	W	143	P B
63358	LAB	B	12-3	M	32	P B
	QUIZ	B	1-3	W	32	P B
63366	LAB	C	3-6	M	32	P B
	QUIZ	C	3-5	W	258	P B
63374	LAB	D	9-12	TU	32	P B
	QUIZ	D	10-12	TH	319	CFR
63382	LAB	F	3-6	TU	32	P B
	QUIZ	F	3-5	TH	319	CFR
63391	LAB	G	9-12	W	32	P B
	QUIZ	G	10-12	F	32	P B
63404	LAB	I	3-6	W	32	P B
	QUIZ	I	3-5	F	32	P B
63412	LAB	J	9-12	TH	32	P B
	QUIZ	J	10-12	TU	143	P B
63421	LAB	K	3-6	TH	32	P B
	QUIZ	K	3-5	TU	139	P B

WRIGHT

PHYS 102 GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).

FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.

PREREQUISITE: PHYS. 101.

5 HOURS

63439	LECT	A	10	TU TH	141	P B
63447	LECT	B	1	TU TH	141	P B
63455	LAB	A1	8-11	M	132	P B
	QUIZ	A1	8-10	W	139	P B
63463	LAB	A2	9-12	M	164	P B
	QUIZ	A2	10-12	W	147	P B
63471	LAB	B1	12-3	M	132	P B
	QUIZ	B1	1-3	W	143	P B
63480	LAB	B2	12-3	M	164	P B
	QUIZ	B2	1-3	W	319	CFR
63498	LAB	C1	3-6	M	132	P B
	QUIZ	C1	3-5	W	319	CFR
63501	LAB	C2	3-6	M	164	P B
	QUIZ	C2	3-5	W	143	P B
63510	LAB	D1	9-12	TU	132	P B
	QUIZ	D1	10-12	TH	143	P B

SUTTON
SUTTON

PHYS 102 CONTINUED

63528	LAB	E1	12-3	TU	132	P B
	QUIZ	E1	1-3	TH	319	CER
63536	LAB	E2	12-3	TU	164	P B
	QUIZ	E2	1-3	TH	238	M E B
63544	LAB	F1	3-6	TU	132	P B
	QUIZ	F1	3-5	TH	143	P B
63552	LAB	G1	8-11	W	132	P B
	QUIZ	G1	8-10	M	143	P B
63561	LAB	G2	9-12	W	164	P B
	QUIZ	G2	10-12	M	319	CER
63579	LAB	H1	12-3	W	132	P B
	QUIZ	H1	1-3	M	420	P B
63587	LAB	H2	12-3	W	164	P B
	QUIZ	H2	1-3	M	143A	M E B
63595	LAB	I1	3-6	W	132	P B
	QUIZ	I1	3-5	M	420	P B
63609	LAB	I2	3-6	W	164	P B
	QUIZ	I2	3-5	M	218	CER
63617	LAB	K1	12-3	TH	132	P B
	QUIZ	K1	1-3	TU	144	P B
63625	LAB	K2	12-3	TH	164	P B
	QUIZ	K2	1-3	TU	238	M E B
63633	LAB	L1	3-6	TH	132	P B
	QUIZ	L1	3-5	TU	136	P B

PHYS 106 GENERAL PHYSICS (MECHANICS).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: MATH. 120; CREDIT OR REGISTRATION IN MATH. 130 OR 131.
4 HOURS

*FOR JAMES SCHOLARS AND OTHER HONOR STUDENTS.

63641	LECT	A	8	M	W	141	P B	O'HALLORAN
63650	LECT	B	10	M	W	141	P B	O'HALLORAN
63668	LECT	C	11	M	W	141	P B	O'HALLORAN
63676	LAB	A2	8-10		W	232	P B	
	QUIZ	A2	8-10		F	139	P B	
63684	LAB	A3	8-10		F	232	P B	
	QUIZ	A3	8-10	M		139	P B	
64060	LAB	*E82	8-10		W	264	P B	
	QUIZ	*E82	8-10		F	147	P B	
63692	LAB	B3	8-10		F	264	P B	
	QUIZ	B3	8-10	M		147	P B	
63706	LAB	C2	10-12		W	232	P B	
	QUIZ	C2	10-12		F	147	P B	
63714	LAB	C3	10-12		F	232	P B	
	QUIZ	C3	10-12	M		147	P B	
63722	LAB	D2	10-12		W	264	P B	
	QUIZ	D2	10-12		F	319	CER	
63731	LAB	D3	10-12		F	264	P B	
	QUIZ	D3	10-12	M		143	P B	
63749	LAB	E1	1-3	M		232	P B	
	QUIZ	E1	1-3		W	147	P B	
63757	LAB	E2	1-3		W	232	P B	
	QUIZ	E2	1-3		F	147	P B	
63765	LAB	E3	1-3		F	232	P B	
	QUIZ	E3	1-3	M		147	P B	
64078	LAB	*E1	1-3	M		264	P B	
	QUIZ	*E1	1-3		W	137	P B	
63773	LAB	F2	1-3		W	264	P B	
	QUIZ	F2	1-3		F	137	P B	
63781	LAB	F3	1-3		F	264	P B	
	QUIZ	F3	1-3	M		137	P B	
63790	LAB	G1	3-5	M		232	P B	
	QUIZ	G1	3-5		W	137	P B	
63803	LAB	G2	3-5		W	232	P B	
	QUIZ	G2	3-5		F	139	P B	
63811	LAB	G3	3-5		F	232	P B	
	QUIZ	G3	3-5	M		143A	M E B	
63820	LAB	H1	3-5	M		264	P B	
	QUIZ	H1	3-5		W	147	P B	
63838	LAB	H2	3-5		W	264	P B	
	QUIZ	H2	3-5		F	147	P B	
63846	LAB	H3	3-5		F	264	P B	
	QUIZ	H3	3-5	M		147	P B	
63854	LAB	I1	8-10	TU		232	P B	
	QUIZ	I1	8-10		TH	147	P B	
63862	LAB	I2	8-10		TH	232	P B	
	QUIZ	I2	8-10		S	139	P B	

PHYS 106 CONTINUED

63871	LAB	I3	8-10		S	232	P B
	QUIZ	I3	8-10	TU		139	P B
63889	LAB	J1	8-10	TU		264	P B
	QUIZ	J1	8-10		TH	132	P B
63897	LAB	J2	8-10		TH	264	P B
	QUIZ	J2	8-10		S	147	P B
63901	LAB	J3	8-10		S	264	P B
	QUIZ	J3	8-10	TU		147	P B
64786	LAB	*6K1	10-12	TU		232	P B
	QUIZ	*6K1	10-12		TH	132	P B
63919	LAB	K2	10-12		TH	232	P B
	QUIZ	K2	10-12		S	139	P B
63927	LAB	K3	10-12		S	232	P B
	QUIZ	K3	10-12	TU		139	P B
63935	LAB	L1	10-12	TU		264	P B
	QUIZ	L1	10-12		TH	164	P B
63943	LAB	L2	10-12		TH	264	P B
	QUIZ	L2	10-12		S	147	P B
63951	LAB	L3	10-12		S	264	P B
	QUIZ	L3	10-12	TU		147	P B
64094	LAB	*6M1	1-3	TU		232	P B
	QUIZ	*6M1	1-3		TH	147	P B
63960	LAB	M2	1-3		TH	232	P B
	QUIZ	M2	1-3	TU		147	P B
64108	LAB	*6N1	1-3	TU		264	P B
	QUIZ	*6N1	1-3		TH	143	P B
63978	LAB	N2	1-3		TH	264	P B
	QUIZ	N2	1-3	TU		143	P B
63986	LAB	O1	3-5	TU		232	P B
	QUIZ	O1	3-5		TH	234	P B
63994	LAB	O2	3-5		TH	232	P B
	QUIZ	O2	3-5	TU		234	P B
64001	LAB	P1	3-5	TU		264	P B
	QUIZ	P1	3-5		TH	164	P B
64019	LAB	P2	3-5		TH	264	P B
	QUIZ	P2	3-5	TU		262	P B
64027	LAB	Q1	7-9PM		W	232	P B
	QUIZ	Q1	1-3	M		143	P B
64035	LAB	Q2	7-9PM		W	264	P B
	QUIZ	Q2	3-5	M		143	P B
64043	LAB	R1	7-9PM		TH	232	P B
	QUIZ	R1	3-5	TU		147	P B
64051	LAB	R2	7-9PM		TH	264	P B
	QUIZ	R2	3-5	TU		143	P B

PHYS 107 GENERAL PHYSICS (HEAT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYS. 106; CREDIT OR REGISTRATION IN MATH. 140
OR 141.
4 HOURS

*FOR JAMES SCHOLARS AND OTHER HONOR STUDENTS.

64116	LECT	II	11	TU TH		151	P B
64124	LAB	A3	8-10		F	234	P B
	QUIZ	A3	8-10	M		234	P B
64132	LAB	B3	8-10		F	262	P B
	QUIZ	B3	8-10	M		262	P B
64221	LAB	*6C3	10-12		F	234	P B
	QUIZ	*6C3	10-12	M		234	P B
64141	LAB	D3	10-12		F	262	P B
	QUIZ	D3	10-12	M		262	P B
64159	LAB	E2	1-3		W	234	P B
	QUIZ	E2	1-3		F	139	P B
64167	LAB	E3	1-3		F	234	P B
	QUIZ	E3	1-3	M		234	P B
64175	LAB	F2	1-3		W	262	P B
	QUIZ	F2	1-3		F	262	P B
64183	LAB	H3	3-5		F	234	P B
	QUIZ	H3	3-5	M		234	P B
64191	LAB	I2	8-10		TH	234	P B
	QUIZ	I2	8-10	TU		234	P B
64205	LAB	J2	8-10		TH	262	P B
	QUIZ	J2	8-10	TU		262	P B
64230	LAB	*6M2	1-3		TH	234	P B
	QUIZ	*6M2	1-3	TU		234	P B
64213	LAB	N2	1-3		TH	262	P B
	QUIZ	N2	1-3	TU		262	P B

LAVATELLI

PHYS 108 GENERAL PHYSICS (WAVE MOTION, SOUND, LIGHT AND MODERN PHYSICS).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYS. 107; CREDIT OR REGISTRATION IN MATH. 140

OR 141.
4 HOURS

*FOR JAMES SCHOLAKS AND OTHER HONOR STUDENTS.

64248	LECT	A	2	M	W	141	P B
64256	LECT	B	4	M	W	141	P B
64264	LAB	A2	8-10		W	236	P B
	QUIZ	A2	8-10		F	143	P B
64272	LAB	A3	8-10		F	236	P B
	QUIZ	A3	8-10	M		236	P B
64281	LAB	B2	8-10		W	258	P B
	QUIZ	B2	8-10		F	319	CER
64299	LAB	B3	8-10		F	258	P B
	QUIZ	B3	8-10	M		258	P B
64515	LAB	*EC2	10-12		W	236	P B
	QUIZ	*EC2	10-12		F	132	P B
64302	LAB	C3	10-12		F	236	P B
	QUIZ	C3	10-12	M		236	P B
64311	LAB	D2	10-12		W	258	P B
	QUIZ	D2	10-12		F	143	P B
64329	LAB	D3	10-12		F	258	P B
	QUIZ	D3	10-12	M		258	P B
64337	LAB	E1	1-3		W	236	P B
	QUIZ	E1	1-3	M		319	CER
64345	LAB	E2	1-3		W	258	P B
	QUIZ	E2	1-3		F	319	CER
64353	LAB	E3	1-3		F	236	P B
	QUIZ	E3	1-3	M		262	P B
64361	LAB	F3	1-3		F	258	P B
	QUIZ	F3	1-3	M		236	P B
64370	LAB	G2	3-5		W	236	P B
	QUIZ	G2	3-5		F	143	P B
64388	LAB	G3	3-5		F	236	P B
	QUIZ	G3	3-5	M		319	CER
64396	LAB	H3	3-5		F	258	P B
	QUIZ	H3	3-5	M		262	P B
64400	LAB	I1	8-10		TU	236	P B
	QUIZ	I1	8-10		TH	137	P B
64418	LAB	I2	8-10		TH	236	P B
	QUIZ	I2	8-10	TU		137	P B
64426	LAB	J1	8-10	TU		258	P B
	QUIZ	J1	8-10		TH	143	P B
64434	LAB	J2	8-10		TH	258	P B
	QUIZ	J2	8-10	TU		143	P B
64523	LAB	*KK1	10-12	TU		236	P B
	QUIZ	*KK1	10-12		TH	139	P B
64442	LAB	K2	10-12		TH	236	P B
	QUIZ	K2	10-12	TU		234	P B
64451	LAB	L1	10-12	TU		258	P B
	QUIZ	L1	10-12		TH	147	P B
64469	LAB	L2	10-12		TH	258	P B
	QUIZ	L2	10-12	TU		262	P B
64531	LAB	*EM1	1-3	TU		236	P B
	QUIZ	*EM1	1-3		TH	139	P B
64477	LAB	M2	1-3		TH	236	P B
	QUIZ	M2	1-3	TU		319	CER
64540	LAB	*EN1	1-3	TU		258	P B
	QUIZ	*EN1	1-3		TH	144	P B
64485	LAB	N2	1-3		TH	258	P B
	QUIZ	N2	1-3	TU		139	P B
64493	LAB	O1	3-5	TU		236	P B
	QUIZ	O1	3-5		TH	139	P B
64507	LAB	P1	3-5	TU		258	P B
	QUIZ	P1	3-5		TH	147	P B

HOLLOWAY
HOLLOWAY

PHYS 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

SECTION L: PHYSICS AND THE MODERN WORLD, A COURSE FOR NON-SCIENTISTS.

64566	CONF	A	ARR						
64574	CONF	B	ARR						
64582	CONF	C	ARR						
64558	LECT	L	3	M	W	F	151	P	B LAZARUS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PHYS 303 MODERN EXPERIMENTAL PHYSICS, I.

PREREQUISITE: PHYS. 342; REGISTRATION IN PHYS. 381 OR 386.

5 HOURS OR 1 UNIT

*FOR HONORS STUDENTS. HONOR STUDENTS SHOULD NOT REGISTER FOR THE LECTURE.

64591	LECT		3-5	M			137	P	B MOCHEL
64604	LAB	A	1-5		W	F	336	P	B MOCHEL
64612	LAB	B	1-5	TU	TH		336	P	B MOCHEL
64621	LAB	*6C	ARR						B KLEIN

PHYS 304 MODERN EXPERIMENTAL PHYSICS, II.

PREREQUISITE: PHYS. 303.

5 HOURS OR 1 UNIT

*FOR HONORS STUDENTS.

64639	LAB	A	1-5		W	F	336	P	B MOCHEL
64647	LAB	B	1-5	TU	TH		336	P	B MOCHEL
64655	LAB	*6C	ARR						B KLEIN

PHYS 321 THEORETICAL MECHANICS.

PREREQUISITE: GENERAL PHYSICS, CONCURRENT REGISTRATION IN MATH. 341, 345, OR 349.

*NO GRADUATE CREDIT IS GIVEN TO GRADUATE MAJORS IN PHYSICS.

*4 HOURS OR 1 UNIT

64663	LECT	A	10	M	W	F	136	P	B STACK
64671	LECT	B	11	M	W	F	139	P	B DEEGAN

PHYS 322 THEORETICAL MECHANICS.

PREREQUISITE: PHYS. 321.

4 HOURS OR 1 UNIT

*GRADUATE STUDENTS SHOULD REGISTER IN LECT. B.

64680	LECT	A	11	M	W	F	137	P	B MORTARA
64698	LECT	*B	1-22C	M	W		158	P	B EISENSTEIN

PHYS 341 ELECTRICITY AND MAGNETISM.

PREREQUISITE: GENERAL PHYSICS, REGISTRATION IN MATH. 341, 343, OR 345, OR CONSENT OF INSTRUCTOR.

*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.

*4 HOURS, OR 1/2 OR 1 UNIT

64701	LECT	A	9	M	W	F	158	P	B ANDERSON
64710	LECT	B	10	M	W	F	158	P	B ROBINSON
64728	LAB	A	2-5	M			332	P	B
64736	LAB	B	8-11	TU			332	P	B
64744	LAB	C	1-4	TU			332	P	B
64752	LAB	D	2-5		W		332	P	B
64761	LAB	E	8-11		TH		332	P	B
64779	LAB	F	1-4		TH		332	P	B
64787	LAB	G	2-5		F		332	P	B

PHYS 342 ELECTRICITY AND MAGNETISM.

PREREQUISITE: PHYS. 341.

*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.

*6 HOURS, OR 1/2 OR 1 UNIT

64795	LECT	A	9	M	W	F	136	P	B GINSBERG
64809	LECT	B	11	M	W	F	136	P	B BRUSSEL
64817	LAB	A	8-11	TU			364	P	B
64825	LAB	B	1-4	TU			364	P	B
64833	LAB	C	2-5		W		364	P	B
64841	LAB	D	8-11		TH		364	P	B
64850	LAB	E	1-4		TH		364	P	B
64868	LAB	G	2-5		F		364	P	B

PHYCS 343 ELECTRONIC CIRCUITS.									
PREREQUISITE: PHYCS. 341, OR CONSENT OF INSTRUCTOR.									
5 HOURS OR 1 UNIT									
64876	LECT		1	M W	151	P B			PEACOCK
64884	LAB	A	2-5	M W	434	P B			
64892	LAB	E	8-11	TU TH	434	P B			
64906	LAB	C	1-4	TU TH	434	P B			
64914	LAB	D	2-5	F	434	P B			
		D	9-12	S	434	P B			
PHYCS 360 THERMODYNAMICS.									
PREREQUISITE: GENERAL PHYSICS AND CALCULUS.									
4 HOURS OR 1 UNIT									
64922	LECT		10	M W F	144	P B			KOEHLER
PHYCS 362 KINETIC THEORY AND STATISTICS.									
PREREQUISITE: PHYCS. 360 OR CONSENT OF INSTRUCTOR.									
3 HOURS OR 1 UNIT									
64931	LECT		10-1120	TU TH	158	P B			WOO
PHYCS 366 AERONOMY--PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.									
SAME AS E. E., AND ASTR. 366.									
PREREQUISITE: PHYCS. 342, 321 AND 381; OR CONSENT OF INSTRUCTOR.									
4 HOURS OR 1 UNIT									
64949	LECT	T	230-4	TU TH	137	P B			BOHMER
PHYCS 371 LIGHT.									
PREREQUISITE: GENERAL PHYSICS, MATH. 345, OR CONSENT OF INSTRUCTOR.									
4 HOURS, OR 1/2 TO 1 UNIT									
64957	LECT		10-1120	TU TH	136	P B			KOESTER
64965	LAB	A	2-5	M	432	P B			
64973	LAB	B	1-4	TU	432	P B			
64981	LAB	C	1-4	TH	432	P B			
PHYCS 382 NUCLEAR PHYSICS.									
PREREQUISITE: PHYCS. 381, OR 383, OR 386.									
3 HOURS OR 1 UNIT									
64990	LECT		1-230	TU TH	158	P B			FRAUENFELDER
PHYCS 383 ATOMIC PHYSICS AND QUANTUM THEORY.									
PREREQUISITE: GENERAL PHYSICS, GENERAL CHEMISTRY, MATH. 345, OR EQUIVALENT.									
3 HOURS, OR 3/4 OR 1 UNIT									
65006	LECT	A	9	M W F	151	P B			MAURER
65014	LECT	B	11	M W F	151	P B			WATTENBERG
PHYCS 385 INTRODUCTION TO QUANTUM MECHANICS.									
PREREQUISITE: MATH. 343, 345, OR CONSENT OF INSTRUCTOR.									
*CREDIT NOT ALLOWED FOR PHYCS. 385 IN ADDITION TO PHYCS. 387.									
*4 HOURS OR 1 UNIT									
65022	LECT		830-10	TU TH	136	P B			CAMPBELL
PHYCS 386 ATOMIC PHYSICS AND QUANTUM MECHANICS, I.									
PREREQUISITE: GENERAL PHYSICS; MATH. 343 OR 345 OR CONSENT OF INSTRUCTOR.									
*CREDIT NOT ALLOWED FOR PHYCS. 386 IN ADDITION TO PHYCS. 381 OR CHEM. 396.									
*4 HOURS OR 1 UNIT									
65031	LECT		3-420	M W	136	P B			ASCOLI
PHYCS 387 ATOMIC PHYSICS AND QUANTUM MECHANICS, II.									
PREREQUISITE: PHYCS. 386.									
*CREDIT NOT ALLOWED FOR PHYCS. 387 IN ADDITION TO PHYCS. 385.									
*4 HOURS OR 1 UNIT									
65049	LECT		9	M W F	144	P B			KRUSE AND STAPLETON

COURSES FOR GRADUATES

PHYCS 422 DYNAMICS AND NON-LINEAR MECHANICS.									
PREREQUISITE: PHYCS. 322, MATH. 345.									
1 UNIT									
65057	LECT		3-420	M W	139	P B			JACKSON

PHYCS 424 RELATIVITY AND COSMOLOGY.
 SAME AS MATH. 460 AND ASTR. 424.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 65065 LECT 2 M W F 140 BUR HALL MAY

PHYCS 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
 SAME AS E.E. 435.
 PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS.
 1 UNIT
 65073 LECT R 1-220 TU TH 137 P B HANDLER

PHYCS 441 ELECTRODYNAMICS.
 PREREQUISITE: PHYCS. 342 OR EQUIVALENT, REGISTRATION IN PHYCS. 400 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65081 LECT 9 M W F 137 P B ADLER

PHYCS 442 ELECTRODYNAMICS.
 PREREQUISITE: PHYCS. 441.
 1 UNIT
 65090 LECT 10-1120 TU TH 144 P B SMITH

PHYCS 455 REACTOR PHYSICS, I.
 SAME AS NUC. E. 455.
 PREREQUISITE: MATH. 343 AND 345, NUC. E. 347, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65103 LECT-DISC 10 M W F 203 N E L

PHYCS 456 REACTOR PHYSICS, II.
 SAME AS NUC. E. 456.
 PREREQUISITE: PHYCS. 455 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65111 LECT-DISC 3 M W F 203 N E L

PHYCS 462 STATISTICAL MECHANICS AND KINETIC THEORY.
 PREREQUISITE: PHYCS. 360 AND ELEMENTARY QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65120 LECT 1-220 TU TH 136 P B PETHICK

PHYCS 465 PLASMA PHYSICS.
 PREREQUISITE: PHYCS. 362, AND 441 OR E. E. 423 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65138 LECT 3-420 M W 214 CER RAETHER AND TANAKA

PHYCS 470 INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS.
 PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65146 LECT 3-420 M W 144 P B SCHULT

PHYCS 476 PARTICLE PHYSICS II.
 PREREQUISITE: PHYCS. 475.
 1 UNIT
 65154 LECT 10 M W F 137 P B SULLIVAN

PHYCS 480 QUANTUM MECHANICS, I.
 PREREQUISITE: SENIOR LEVEL ATOMIC PHYSICS AND QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65162 LECT 11 M W F 158 P B BAYM

PHYCS 481 QUANTUM MECHANICS, II.
 PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65171 LECT 830-10 TU TH 144 P B JONES/LAMB

PHYCS 483 GENERAL FIELD THEORY.
 PREREQUISITE: PHYCS. 481 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65189 LECT 11 M W F 144 P B RAVENHALL

PHYCS 485 ADVANCED FIELD THEORY.
 PREREQUISITE: PHYCS. 483 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65197 LECT 1-230 M W 139 P B CHANG

PHYCS 489 SOLID STATE PHYSICS, I.
 PREREQUISITE: PHYCS. 360, 362, 381, 480, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65201 LECT 1-220 M W 144 P B BROWN, F. C.

PHYCS 490 SOLID STATE PHYSICS, II.
 PREREQUISITE: PHYCS. 489 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 65219 LECT 1-220 M W 136 P B FLYNN

PHYCS 497 INDIVIDUAL STUDY.
 1/2 OR 1 UNIT
 65227 CONF A ARR
 65235 CONF B ARR
 65243 CONF C ARR

PHYCS 499 SEMINAR.
 1/2 OR 1 UNIT
 *LECT X: SUBJECT TO BE ANNOUNCED (1 UNIT).
 *LECT Y: SUBJECT TO BE ANNOUNCED (1 UNIT).
 *LECT Z: SUBJECT TO BE ANNOUNCED (1 UNIT).
 65251 LECT *X 830-10 TU TH 158 P B
 65260 LECT *Y 10 M W F 139 P B
 65278 LECT *Z 3-430 M W 158 P B DUKE

PHYCS 499 THESIS RESEARCH.
 0 TO 4 UNITS
 65286 CONF ARR

PHYSIOLOGY

DEPARTMENT OFFICE

524 BUR HALL

MAJOR: TWENTY HOURS IN ANIMAL PHYSIOLOGY OR, WITH APPROVAL OF THE ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, BIOPHYSICS, AND PLANT PHYSIOLOGY, NOT INCLUDING ELEMENTARY COURSES, AND INCLUDING PHYSIOLOGY 301, GENERAL PHYSIOLOGY; PHYSIOLOGY 303, GENERAL PHYSIOLOGY LABORATORY; PHYSIOLOGY 302, EXPERIMENTAL ANIMAL PHYSIOLOGY; AND PHYSIOLOGY 304, EXPERIMENTAL PHYSIOLOGY LABORATORY. THE STUDENT'S PROGRAM MUST INCLUDE A YEAR OF GENERAL BIOLOGY, INCLUDING BOTH ANIMAL AND PLANT BIOLOGY; A SEMESTER OF GENETICS; MATHEMATICS THROUGH ELEMENTARY CALCULUS; TWO SEMESTERS OF PHYSICS; AND FOUR SEMESTERS OF CHEMISTRY, INCLUDING GENERAL, INORGANIC, ORGANIC, AND QUANTITATIVE CHEMISTRY. MICROBIOLOGY, EMBRYOLOGY, HISTOLOGY, PHYSICAL CHEMISTRY, AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

MINOR: TWENTY HOURS MAY BE CHOSEN FROM PHYSICS, CHEMISTRY, MICROBIOLOGY OR ZOOLOGY, PROVIDED AT LEAST 8 SEMESTER HOURS ARE OFFERED IN THE LESSER, IF TWO MINORS ARE CHOSEN.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST ENROLL IN PHYSIOLOGY 290 READING COURSE, WORK WITH AN ADVISER FOR AT LEAST TWO SEMESTERS, AND TAKE A GENERAL EXAMINATION IN THE LAST SEMESTER OF THE SENIOR YEAR.

COURSES FOR UNDERGRADUATES

PHYSL 103 INTRODUCTION TO HUMAN PHYSIOLOGY.

PREREQUISITE: CHEM. 100 OR EQUIVALENT. A FAMILIARITY WITH THE PRINCIPLES OF BIOLOGY IS RECOMMENDED.

4 HOURS

STUDENTS IN LAB-DISC SECTIONS OF THE A OR B SERIES MAY REGISTER IN ANY LECTURE.

65294	LECT	A	2	M W	228	N H B
65308	LECT	B	10	TU TH	228	N H B
65316	LAB-DISC	1A	8-10	M	310	H H
		1A	8-10	W	304	H H
65324	LAB-DISC	1B	8-10	M	312	H H
		1B	8-10	W	304A	H H
65332	LAB-DISC	2A	10-12	M	310	H H
		2A	10-12	W	304	H H
65341	LAB-DISC	2B	10-12	M	312	H H
		2B	10-12	W	304A	H H
65359	LAB-DISC	3A	1-3	M	310	H H
		3A	1-3	W	304	H H
65367	LAB-DISC	3B	1-3	M	312	H H
		3B	1-3	W	304A	H H
65375	LAB-DISC	4A	3-5	M	310	H H
		4A	3-5	W	304	H H
65383	LAB-DISC	4B	3-5	M	312	H H
		4B	3-5	W	304A	H H
65391	LAB-DISC	5A	8-10	TU	310	H H
		5A	8-10	TH	304	H H
65405	LAB-DISC	5B	8-10	TU	312	H H
		5B	8-10	TH	304A	H H
65413	LAB-DISC	6A	10-12	TU	310	H H
		6A	10-12	TH	304	H H
65421	LAB-DISC	6B	10-12	TU	312	H H
		6B	10-12	TH	304A	H H
65430	LAB-DISC	7A	1-3	TU	310	H H
		7A	1-3	TH	304	H H
65448	LAB-DISC	7B	1-3	TU	312	H H
		7B	1-3	TH	304A	H H
65456	LAB-DISC	8A	3-5	TU	310	H H
		8A	3-5	TH	304	H H
65464	LAB-DISC	8B	3-5	TU	312	H H
		8B	3-5	TH	304A	H H
65472	LAB-DISC	9A	8-10	W	310	H H
		9A	8-10	M	304	H H
65481	LAB-DISC	9B	8-10	W	312	H H
		9B	8-10	M	304A	H H
65499	LAB-DISC	10A	10-12	W	310	H H
		10A	10-12	M	304	H H
65502	LAB-DISC	10B	10-12	W	312	H H
		10B	10-12	M	304A	H H
65511	LAB-DISC	11A	1-3	W	310	H H
		11A	1-3	M	304	H H
65529	LAB-DISC	12A	3-5	W	310	H H
		12A	3-5	M	304	H H
65537	LAB-DISC	12B	3-5	W	312	H H
		12B	3-5	M	304A	H H
65545	LAB-DISC	13A	8-10	TH	310	H H
		13A	8-10	TU	304	H H
65553	LAB-DISC	13B	8-10	TH	312	H H
		13B	8-10	TU	304A	H H
65561	LAB-DISC	14A	10-12	TH	310	H H
		14A	10-12	TU	304	H H
65570	LAB-DISC	14B	10-12	TH	312	H H
		14B	10-12	TU	304A	H H
65588	LAB-DISC	15A	1-3	TH	310	H H
		15A	1-3	TU	304	H H
65596	LAB-DISC	15B	1-3	TH	312	H H
		15B	1-3	TU	304A	H H
65600	LAB-DISC	16A	3-5	TH	310	H H
		16A	3-5	TU	304	H H
65618	LAB-DISC	16B	3-5	TH	312	H H
		16B	3-5	TU	304A	H H

TAYLOR, BADGER
AND RUH

COURSES FOR ADVANCED UNDERGRADUATES

PHYSL 234 HUMAN ANATOMY AND PHYSIOLOGY.
 PREREQUISITE: ZOOL. 104 AND PHYSL. 103, OR CONSENT OF INSTRUCTOR.
 5 HOURS

65626	LECT		11	TU TH	124	BUR HALL	STOLPE
65634	LAB	A1	8-10	M W F	413	BUR HALL	
65642	LAB	A2	8-10	M W F	422	BUR HALL	
65651	LAB	B1	10-12	M W F	413	BUR HALL	
65669	LAB	B2	10-12	M W F	422	BUR HALL	
65677	LAB	C1	1-3	M W F	413	BUR HALL	
65685	LAB	D1	3-5	M W F	413	BUR HALL	
65693	LAB	E1	8-11	TU TH	413	BUR HALL	
65707	LAB	E2	8-11	TU TH	422	BUR HALL	
65715	LAB	G1	1-4	TU TH	413	BUR HALL	
65723	LAB	H1	670-930PM	TU TH	413	BUR HALL	

PHYSL 290 READING COURSE.
 PREREQUISITE: A COURSE IN PHYSIOLOGY, CONSENT OF INSTRUCTOR.
 2 TO 4 HOURS
 NOTE: THIS COURSE IS NOT LIMITED TO HONORS STUDENTS.
 65731 CONF ARR STAFF

PHYSL 291 DISCUSSIONS IN GENERAL PHYSIOLOGY.
 PREREQUISITE: PHYSL. 301 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
 2 HOURS
 TOPIC: MUSCLE.
 65740 DISC 730-930PM TH 422 BUR HALL BARR

PHYSL 292 DISCUSSIONS IN ANIMAL PHYSIOLOGY.
 PREREQUISITE: PHYSL. 302 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
 2 HOURS
 TOPIC: KIDNEY FUNCTION.
 65758 DISC 7-9PM W 140 BUR HALL BADGER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PHYSL 302 ANIMAL PHYSIOLOGY.
 PREREQUISITE: BIOL. 111 OR BIOL. 251 OR EQUIVALENT, AND ONE YEAR EACH OF COLLEGE-LEVEL MATHEMATICS AND PHYSICS, AND CHEMISTRY THROUGH ORGANIC.
 3 HOURS OR 3/4 UNIT
 65766 LECT 10 M W F 124 BUR HALL BADGER

PHYSL 304 EXPERIMENTAL PHYSIOLOGY LABORATORY.
 PREREQUISITE: PHYSL. 302 OR CURRENT REGISTRATION.
 2 HOURS OR 1/4 UNIT

65774	LAB	1	1-5	M	523	BUR HALL	STAFF
65782	LAB	2	1-5	TU	523	BUR HALL	
65791	LAB	3	1-5	W	523	BUR HALL	
65804	LAB	4	1-5	TH	523	BUR HALL	
65812	LAB	5	1-5	F	523	BUR HALL	
65821	LAB	6	8-12	TU	523	BUR HALL	
65839	LAB	7	8-12	TH	523	BUR HALL	

PHYSL 306 QUANTITATIVE METHODS IN ERGONOMICS.
 SAME AS I. E. AND P. E. 306.
 PREREQUISITE: I. E. /P. E./PHYSL. 305.
 4 HOURS OR 1 UNIT
 65847 LAB 1-4 TU TH 422 BUR HALL JOHNSON AND HERTIG

PHYSL 312 ENDOCRINOLOGY.
 SAME AS ZOOL. 312.
 PREREQUISITE: PHYSL. 301 OR A COURSE IN BIOCHEMISTRY; CONSENT OF INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 65855 LECT 9 M W F 202 H H GORSKI

PHYSL 374 PROBLEMS IN HUMAN ECOLOGY.
 SAME AS ANTH., H. ED., GEOG., PSYCH., SOC., AND V.M.S. 374.
 PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOOL.
 369.
 4 HOURS OR 1 UNIT
 *ONE DISC HOUR TO BE ARRANGED.
 65863 LECT-DISC *11 M W F 393 BEV HALL LEVINE

COURSES FOR GRADUATES

PHYSL 402 COMPARATIVE AND ADAPTATIONAL PHYSIOLOGY.
 PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY THROUGH
 ORGANIC, UPPER DIVISION COURSE IN PHYSIOLOGY, KNOWLEDGE OF
 CALCULUS PRESUMED.
 1 UNIT
 65871 LECT-DISC 1 TUWTHF 136 BUR HALL PROSSER AND
 STAFF

PHYSL 404 PHYSIOLOGICAL MEASUREMENTS.
 PREREQUISITE: CHEM. 355 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
 1 1/4 UNITS
 *ADDITIONAL HOURS TO BE ARRANGED.
 65880 LECT-DISC *1-3 M 422 BUR HALL BUETOW AND
 65898 LAB A *8-12 TU TH 542 BUR HALL STAFF
 65901 LAB B *2-6 TU TH 542 BUR HALL

PHYSL 412 ADVANCED ENDOCRINOLOGY.
 SAME AS AN. S., D. S., AND ZOOL. 412.
 PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 2 UNITS.
 *1/2 UNIT
 TOPIC: TO BE ANNOUNCED.
 65910 DISC 730-10PM M 140 BUR HALL NALBANDOV

PHYSL 414 EXPERIMENTAL MAMMALIAN PHYSIOLOGY, II.
 PREREQUISITE: PHYSL. 401 AND 402 OR EQUIVALENT, CONSENT OF
 INSTRUCTOR.
 1 UNIT
 65928 LAB 2-5 M F 542 BUR HALL STEGGERDA
 DISC 9-12 S 422 BUR HALL

PHYSL 416 STRUCTURE AND FUNCTION OF THE NERVOUS SYSTEM.
 PREREQUISITE: TWO SEMESTERS OF PHYSIOLOGY COURSES BEYOND THE
 ELEMENTARY LEVEL, TWO SEMESTERS OF GENERAL PHYSICS, CONSENT OF
 INSTRUCTOR.
 1 UNIT
 65936 LECT 930-11 TU TH 136 BUR HALL ADES AND
 LAB 2-6 W 422 BUR HALL BARKER

PHYSL 431 EXPERIMENTAL RADIOBIOLOGY.
 PREREQUISITE: PHYSL. 331 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
 1 UNIT
 65944 LAB 2-6 M W 542 BUR HALL DUCOFF

PHYSL 451 ADVANCED CELLULAR PHYSIOLOGY.
 SAME AS ZOOL. 451.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 UNIT
 *SECTION A TOPIC: BIOLOGY OF AGING.
 *SECTION B TOPIC: MOLECULAR ASPECTS OF FUNCTION OF CELL MEMBRANES.
 SECTIONS A AND B MAY BE TAKEN CONCURRENTLY.
 65952 DISC *A 730-930PM TH 501 BUR HALL BUETOW, DUCOFF
 65961 DISC *B 730-930PM W 501 BUR HALL WILLIS, GORSKI
 JENDRASIAK
 AND BARR

PHYSL 472 HUMAN PHYSIOLOGY SEMINAR.
 PREREQUISITE: TWO SEMESTERS OF ADVANCED PHYSIOLOGY AND ONE SEMESTER
 OF BIOCHEMISTRY, CONSENT OF INSTRUCTOR.
 1/2 UNIT
 TOPIC: BODY COMPOSITION.
 65979 DISC 3-5 W 136 BUR HALL JOHNSON,
 TEIGLER
 AND LOHMAN

PHYSL 491 INDIVIDUAL TOPICS.
 PREREQUISITE: APPROVAL OF DEPARTMENT.
 1/2 TO 2 UNITS
 *SECTION B OPEN ONLY TO STUDENTS WHO HAVE DUPLICATE
 REGISTRATION IN COURSE.
 65987 CONF A ARR STAFF
 65995 CONF *B ARR

PHYSL 499 THESIS RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 4 UNITS
 *NOTE--SECTION B OPEN ONLY TO THOSE WHO HAVE A CONFLICT
 WITH SECTION A.
 66001 CONF A 4 F 140 BUR HALL STAFF
 66710 CONF *B ARR

PLANT PATHOLOGY

DEPARTMENT OFFICE 218 M H

COURSES FOR UNDERGRADUATES

PL PA 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 66028 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

PL PA 204 INTRODUCTORY PLANT PATHOLOGY.
 PREREQUISITE: BOT. 100 OR EQUIVALENT.
 3 HOURS
 66036 LAB-DISC 10-12 TU TH W121 T H LINN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PL PA 300 SPECIAL PROBLEMS.
 PREREQUISITE: FOR UNDERGRADUATES MINIMUM GRADE POINT AVERAGE 3.5,
 NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE
 INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE
 ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND
 AND/OR THIRD SPECIAL PROBLEM COURSE.
 *MAXIMUM CREDIT EIGHT HOURS OR TWO UNITS.
 *1 TO 4 HOURS, OR 1/4 TO 1 UNIT

BEVER, BLACK, CARTER
 EDWARDS, FORSBERG,
 CHAMBERLAIN, GERDEMANN, GRAY
 GOTTLIEB, HARTSTIRN,
 HOOKER, JEDLINSKI, LINN,
 MALEK, PAXTON, POWELL,
 SCHOENEWEISS, SHAW, SHURTLEFF,
 SINCLAIR, TAYLOR, THORNBERRY.

SECTION 8B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING
 MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
 WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF
 INSTRUCTOR.

66044 CONF A ARR STAFF
 66052 CONF 8B ARR STAFF

PL PA 303 PLANT NEMATOTOLOGY.
 PREREQUISITE: PL. PA. 204 OR EQUIVALENT, AND AN INTRODUCTORY COURSE
 IN ZOOLOGY OR BIOLOGY.
 3 HOURS OR 3/4 UNIT
 66061 LAB-DISC 8-10 M W W121 T H TAYLOR

PL PA 304 FOREST TREE DISEASES AND WOOD DETERIORATION.
 PREREQUISITE: JUNIOR STANDING IN FORESTRY OR OTHER PLANT
 SCIENCE.
 3 HOURS OR 3/4 UNIT
 66079 LAB-DISC 10-12 M W W121 T H GERDEMANN

COURSES FOR GRADUATES

PL PA 401 DISEASES OF FOREST AND SHADE TREES.
 PREREQUISITE: PL. PA. 204 OR CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 66087 LAB-DISC ARR CARTER

PL PA 417 DISCUSSIONS IN PLANT PATHOLOGY.
 1/4 UNIT
 66095 DISC 4 M W115 T H STAFF

PL PA 499 THESIS RESEARCH.
 PREREQUISITE: PL. PA. 302 OR EQUIVALENT.
 0 TO 4 UNITS
 BEVER, BLACK, CARTER
 CHAMBERLAIN, GERDEMANN
 GOTTLIEB, HOOKER,
 JEDLINSKI, LINN, MALEK,
 PAXTON, POWELL, SHAW,
 SHURTLEFF, SINCLAIR,
 TAYLOR, THORNBERRY.
 66109 DISC ARR

POLISH

SLAVIC LANGUAGES AND LITERATURES
 DEPARTMENT OFFICE 260 L H

COURSES FOR UNDERGRADUATES

POL 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 READINGS IN POLISH LITERATURE. (3-5 HOURS).
 66117 CONF ARR

POLITICAL SCIENCE

DEPARTMENT OFFICE 326 L H

MAJOR: TWENTY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF POLITICAL SCIENCE. A MAJOR MAY INCLUDE THREE SEMESTER HOURS FROM THE FOLLOWING COURSES: ECONOMICS 170, 171 (STATISTICS), ECONOMICS 214 (PUBLIC FINANCE), HISTORY 345, 346, 369, 370 (CONSTITUTIONAL HISTORY), MATHEMATICS 161 (STATISTICS), PSYCHOLOGY 135 (STATISTICS), AND SOCIOLOGY 185 (STATISTICS). A MAXIMUM OF EIGHT HOURS OF 100-LEVEL COURSES MAY BE OFFERED AS PART OF THE POLITICAL SCIENCE MAJOR.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY, AND SPEECH. ONE OF THE CURRICULA IN LATIN-AMERICA STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR.

STUDENTS ENTERING THE UNIVERSITY AFTER SEPTEMBER 1, 1963, MAY NOT OFFER MORE THAN EIGHT HOURS OF 100-LEVEL COURSES AS PART OF A MINOR, EXCEPT THAT MATH. 123 OR HIGHER-NUMBERED MATHEMATICS COURSES ARE NOT COUNTED IN THIS LIMITATION.

POLITICAL SCIENCE 150 AND 151 GIVE A GENERAL SURVEY OF NATIONAL, STATE AND LOCAL GOVERNMENT IN THE UNITED STATES. POLITICAL SCIENCE 191 PRESENTS A SURVEY OF THE BASIC CONCEPTS AND METHODS OF POLITICAL SCIENCE AND OF SIGNIFICANT CURRENT GOVERNMENTAL AND POLITICAL PROBLEMS AND POLICIES. UNDERGRADUATES BEGINNING THE STUDY OF POLITICAL SCIENCE ARE ADVISED TO TAKE, FIRST, EITHER POL. S. 150 OR 191. STUDENTS PLANNING TO DO ADVANCED WORK SHOULD, DURING THE SOPHOMORE YEAR, TAKE EITHER 150 OR 191 AND FOLLOW IT WITH SUCH OTHER COURSES AS TO COMPLETE ONE OF THE FOLLOWING COMBINATIONS: 150 AND 151, 150 AND 184 OR 184 AND 191.

COURSES FOR UNDERGRADUATES

POL S 150 AMERICAN GOVERNMENT: ORGANIZATION AND POWERS.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR. CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.

3 HOURS

STUDENTS ENROLLING IN LECTURE L MUST SIGN UP FOR ONE DISCUSSION SECTION L1-L20.

		L	9	TU TH	L H	THEATER	LEWIS
66125	LECT	L	9				
66133	DISC	L 1	10	TH	118	L H	
66141	DISC	L 2	10	TH	153	ARMORY	
66150	DISC	L 3	10	TH	102	L H	
66168	DISC	L 4	10	TH	116	L H	
66176	DISC	L 5	10	TH	140	L H	
66184	DISC	L 6	11	TH	329	ARMORY	
66192	DISC	L 7	11	TH	116	L H	
66206	DISC	L 8	11	TH	118	L H	
66214	DISC	L 9	11	TH	140	L H	
66222	DISC	L10	9	F	329	ARMORY	
66231	DISC	L11	9	F	315	G H	
66249	DISC	L12	11	F	315	G H	
66257	DISC	L13	11	F	329	ARMORY	
66265	DISC	L14	11	F	186	L H	
66273	DISC	L15	11	F	362	L H	
66281	DISC	L16	10	F	138	ADMIN	
66290	DISC	L17	10	F	329	ARMORY	
66303	DISC	L18	10	F	329	G H	
66311	DISC	L19	10	F	170	L H	
66320	DISC	L20	10	F	176	L H	

STUDENTS ENROLLING IN LECTURE E MUST SIGN UP FOR ONE DISCUSSION SECTION E1-E9.

		E	1	M W	314	A H	RUNDQUIST
66338	LECT	E	1				
66346	DISC	E1	1	TH	186	L H	
66354	DISC	E2	1	TH	302	L H	
66362	DISC	E3	2	TH	170	L H	
66371	DISC	E4	2	TH	186	L H	
66389	DISC	E5	2	TH	194	L H	
66397	DISC	E6	1	F	102	L H	
66401	DISC	E7	1	F	108	L H	
66419	DISC	E8	1	F	118	L H	
66427	DISC	E9	1	TH	314	L H	

THE FOLLOWING SIX SECTIONS WILL BE TAUGHT BY ADVANCED GRADUATE STUDENTS AND ENROLLMENT WILL BE LIMITED TO 30.

		X	12	M W F	310	L H
66435	LECT-DISC	X	12			
66443	LECT-DISC	A	11	M W F	315	G H
66451	LECT-DISC	Y	12	M W F	315	G H
66460	LECT-DISC	Z	12	M W F	329	ARMORY
66478	LECT-DISC	S	3-430	TU TH	329	ARMORY
66486	LECT-DISC	T	3-430	TU TH	310	L H

POL S 151 AMERICAN GOVERNMENT: FUNCTIONS.

PREREQUISITE: POL. S. 150 OR CONSENT OF DEPARTMENT.

3 HOURS

66494	LECT-DISC	9	M W F	138	ADMIN	MANNER
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POL S 184 INTERNATIONAL RELATIONS.

4 HOURS

66508	LECT-DISC	1-3	TU TH	213	G H	WEINSTEIN
66516	LECT-DISC	S	3-5	TU TH	192	L H
	S	4	TH	305	G H	COHEN
66524	LECT-DISC	P	3-5	TU TH	315	G H

POL S 191 PRINCIPLES OF POLITICAL SCIENCE.
 PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH
 DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
 *CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.
 *4 HOURS
 SECTION 6C IS FOR JAMES SCHOLARS AND OTHER STUDENTS HAVING A GRADE
 POINT AVERAGE OF 4.0 OR ABOVE.

66583	LECT-DISC	6C	3-430	M W F	315	G H	DOUGLAS
66532	LECT-DISC	Q	3-5	TU TH	223	G H	MCHENRY
66541	LECT-DISC	R	1-3	TU TH	138	ADMIN	BYARS
66559	LECT-DISC	X	8-10	TU TH	310	L H	
66567	LECT-DISC	Y	1-3	TU TH	329	ARMORY	
66575	LECT-DISC	Z	9-11	TU TH	329	ARMORY	

POL S 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS

66591	LECT-DISC	A	2-4	TU	374	L H	CARROLL
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COURSES FOR ADVANCED UNDERGRADUATES

POL S 263 THE EXECUTIVE BRANCH OF GOVERNMENTS OF THE UNITED STATES.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS

66605	LECT-DISC		3	M W F	213	G H	MONYPENNY
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POL S 290 SENIOR SEMINAR.
 PREREQUISITE: SENIOR STANDING, AT LEAST SIX HOURS OF POLITICAL
 SCIENCE, AND EITHER DESIGNATION AS JAMES SCHOLAR OR A GENERAL
 UNIVERSITY AVERAGE OF AT LEAST 4.0.
 2 HOURS

66613	LECT-DISC		3-5	TH	398	L H	SCHILLER
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POL S 292 THESIS AND HONORS COURSE.
 PREREQUISITE: OPEN ONLY TO SENIORS WHOSE MAJOR IS POLITICAL SCIENCE
 AND WHO HAVE A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0
 2 TO 5 HOURS

66621	CONF		ARR				STAFF
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POL S 293 SELECTED TOPICS IN POLITICAL SCIENCE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED.
 *1 TO 4 HOURS

66630	CONF		ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

POL S 306 MUNICIPAL PROBLEMS.
 PREREQUISITE: SENIOR STANDING OR JUNIOR STANDING WITH POL. S. 305,
 OR ECON. 102 AND 103, OR SIX HOURS OR POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION G1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION G2.

66648	LECT-DISC	*G1	3-430	M W	124	BUR HALL	GOLD
66656	LECT-DISC	*G2	3-430	M W	124	BUR HALL	GOLD

POL S 310 RURAL LOCAL GOVERNMENT.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66664	LECT-DISC	*A1	3	M W F	310	L H	SNIDER
66672	LECT-DISC	*A2	3	M W F	310	L H	SNIDER

POL S 312 STATE GOVERNMENT.
 PREREQUISITE: POL.S. 150 OR 191.
 *CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312.
 *3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66681	LECT-DISC	*A1	1	M W F	310	L H	SNIDER
66699	LECT-DISC	*A2	1	M W F	310	L H	SNIDER

POL S 313 COMPARATIVE STATE POLITICS.
 PREREQUISITE: POL. S. 312 OR 315 OR 328 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66702	LECT-DISC	*A1	11	TU	192	L H	JOHNSON
		*A1	10-12	TH	192	L H	
66711	LECT-DISC	*A2	11	TU	192	L H	JOHNSON
		*A2	10-12	TH	192	L H	

POL S 315 LEGISLATURES AND LEGISLATION.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66729	LECT-DISC	*A1	1	M W F	192	L H	WEINBAUM
66737	LECT-DISC	*A2	1	M W F	192	L H	

POL S 339 GOVERNMENTS AND POLITICS IN SUB-SAHARAN AFRICA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR EQUIVALENT.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66745	LECT-DISC	*A1	2	M W F	310	L H	MCHENRY
66753	LECT-DISC	*A2	2	M W F	310	L H	MCHENRY

POL S 340 THE GERMAN POLITICAL SYSTEM.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66761	LECT-DISC	*A1	10	M W F	310	L H	MERRITT
66770	LECT-DISC	*A2	10	M W F	310	L H	MERRITT

POL S 343 POLITICAL SYSTEMS AND STRUCTURES OF LATIN AMERICAN COUNTRIES.
 PREREQUISITE: POL. S. 342.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66788	LECT-DISC	*A1	8-10	TU	315	G H	BYARS
		*A1	9	TH	315	G H	BYARS
66796	LECT-DISC	*A2	8-10	TU	315	G H	BYARS
		*A2	9	TH	315	G H	BYARS

POL S 347 GOVERNMENTS AND POLITICS OF SOUTHEAST ASIA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF
 INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66800	LECT-DISC	*A1	11	M W F	192	L H	DOUGLAS
66818	LECT-DISC	*A2	11	M W F	192	L H	

POL S 349 GOVERNMENTS AND POLITICS OF SOUTH ASIA.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF
 INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66826	LECT-DISC	*A1	1-230	TU TH	310	L H	COHEN
66834	LECT-DISC	*A2	1-230	TU TH	310	L H	COHEN

POL S 354 THE JUDICIAL PROCESS.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.

66842	LECT-DISC	*A1	1	M W F	138	ADMIN	CARMEN
66851	LECT-DISC	*A2	1	M W F	138	ADMIN	CARMEN

POL S 355 THE CONSTITUTION AND CIVIL LIBERTIES.
 PREREQUISITE: POL. S. 150 OR 191.
 3 HOURS, OR 1/2 OR 1 UNIT

66869	LECT-DISC		3	M W F	66	LIB	
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POL S 362 ADMINISTRATIVE ORGANIZATION AND POLICY DEVELOPMENT.
 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

66877	LECT-DISC *A1	9-1030	TU TH	196	L H	THOMPSON
66885	LECT-DISC *A2	9-1030	TU TH	196	L H	THOMPSON

POL S 366 TOOLS OF PUBLIC MANAGEMENT.
 PREREQUISITE: POL. S. 361 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

66893	LECT-DISC *A1	8	M W F	310	L H	PAGE
66907	LECT-DISC *A2	8	M W F	310	L H	PAGE

POL S 382 CONTEMPORARY AMERICAN FOREIGN POLICIES.
 PREREQUISITE: POL. S. 381 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

66915	LECT-DISC *A1	10-12	TU	310	L H	GLAD
	*A1	10	TH	310	L H	
66923	LECT-DISC *A2	10-12	TU	310	L H	GLAD
	*A2	10	TH	310	L H	

POL S 383 SOVIET FOREIGN POLICY.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

66931	LECT-DISC *A1	9-11	TU	192	L H	MILLER
	*A1	9	TH	192	L H	
66940	LECT-DISC *A2	9-11	TU	192	L H	MILLER
	*A2	9	TH	192	L H	

POL S 386 INTERNATIONAL LAW.
 PREREQUISITE: SENIOR STANDING, OR JUNIOR STANDING WITH SIX HOURS OF POLITICAL SCIENCE.
 3 HOURS, OR 1/2 OR 1 UNIT

66958	LECT-DISC	11	M W F	310	L H	MANNER
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POL S 387 NATIONAL SECURITY POLICY.
 PREREQUISITE: POL. S. 184 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

66966	LECT-DISC *A1	9	M W F	192	L H	LEWIS
66974	LECT-DISC *A2	9	M W F	192	L H	LEWIS

POL S 394 MEDIEVAL POLITICAL THEORY.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

66982	LECT-DISC *A1	1030-12	TU TH	315	G H	CARROLL
66991	LECT-DISC *A2	1030-12	TU TH	315	G H	CARROLL

POL S 395 MODERN POLITICAL THEORY.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67007	LECT-DISC *A1	2	M W F	192	L H	FIELDS
67015	LECT-DISC *A2	2	M W F	192	L H	FIELDS

POL S 396 CONTEMPORARY POLITICAL THEORY.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67023	LECT-DISC *A1	11	M W F	138	ADMIN	SCHILLER
67031	LECT-DISC *A2	11	M W F	138	ADMIN	SCHILLER

COURSES FOR GRADUATES

POL S 402 HISTORY OF POLITICAL THEORIES.

1 UNIT

*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67040	LECT-DISC *A1	730PM	W	398	L H	FIELDS
67058	LECT-DISC *A2	730PM	W	398	L H	FIELDS

POL S 406 MUNICIPAL ADMINISTRATION.

1 UNIT

*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67066	LECT-DISC *A1	2-4	TU	96	COM W	GOLD
67074	LECT-DISC *A2	2-4	TU	96	COM W	GOLD

POL S 420 FORMATION OF PUBLIC POLICY.
SAME AS L.T.R. 420.

1 UNIT

67082	LECT-DISC	1-3	F	398	L H	RUNDQUIST
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POL S 423 PROSEMINAR IN AMERICAN POLITICS.

1 UNIT

*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67091	LECT-DISC *A1	10-12	TH	398	L H	MONYPENNY
67104	LECT-DISC *A2	10-12	TH	398	L H	MONYPENNY

POL S 426 POLITICAL PARTIES.

1 UNIT

*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67112	LECT-DISC *A1	9-11	M	398	L H	WEINBAUM
67121	LECT-DISC *A2	9-11	M	398	L H	WEINBAUM

POL S 427 PSYCHOLOGICAL BASES OF POLITICAL BEHAVIOR.

1 UNIT

67139	LECT-DISC	730PM	TU	398	L H	COOMBS
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POL S 431 PROBLEMS OF BRITISH GOVERNMENT.

1 UNIT

67147	LECT-DISC	10-12	TH	336	L H	DAVIS
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POL S 435 PROBLEMS IN THE GOVERNMENT OF SOVIET RUSSIA.

1 UNIT

67155	LECT-DISC	3-5	W	398	L H	MILLER
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POL S 437 PROBLEMS IN CHINESE POLITICS AND GOVERNMENT.

PREREQUISITE: CREDIT OR REGISTRATION IN POL. S. 430, OR CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE TWO UNITS.

*1 UNIT

67163	LECT-DISC	10-12	TU	116	L H	YU
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POL S 440 COMPARATIVE POLITICS AND THE POLITICAL PROCESS.

*STUDENTS MAY ACCUMULATE THREE UNITS.

*1 UNIT

67171	LECT-DISC	1-3	W	398	L H	MERRITT
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POL S 448 PROBLEMS IN JAPANESE POLITICS AND GOVERNMENT.

PREREQUISITE: CREDIT OR REGISTRATION IN POL. S. 430, OR CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE TWO UNITS.

*1 UNIT

67180	LECT-DISC	10-12	W	398	L H	WEINSTEIN
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POL S 466 CURRENT ADMINISTRATIVE THEORY.

1 UNIT

*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

67198	LECT-DISC *A1	3-5	TU	398	L H	THOMPSON
67201	LECT-DISC *A2	3-5	TU	398	L H	THOMPSON

POL S 471 PROBLEMS IN INTERNATIONAL ORGANIZATION.
 1 UNIT
 67210 LECT-DISC 1-3 TU 143 ADMIN BOCK

POL S 482 UNITED STATES FOREIGN POLICIES.
 1 UNIT
 67228 LECT-DISC 3-5 TH 170 COM W BOCK

POL S 491 PROSEMINAR IN POLITICAL BEHAVIOR, II.
 PREREQUISITE: POL. S. 490.
 1 UNIT
 67236 LECT-DISC 730-930PM W 308 L H HOBBS

POL S 493 RESEARCH IN SELECTED TOPICS.
 1/2 TO 3 UNITS
 67244 CONF A ARR STAFF
 67252 CONF B 1-3 TH 398 L H MERANTO
 67261 CONF C ARR DAVIS

POL S 495 SCOPE AND METHODS OF POLITICAL SCIENCE.
 1 UNIT
 67279 LECT-DISC 1-230 TU TH 315 G H HOBBS

POL S 497 RESEARCH DESIGN AND TECHNIQUES.
 PREREQUISITE: POL. S. 496.
 1 UNIT
 67287 LECT-DISC 1-3 TU 398 L H JOHNSON

POL S 499 THESIS RESEARCH.
 0 TO 4 UNITS
 67295 CONF ARR STAFF

PORTUGUESE

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY HOURS IN PORTUGUESE, EXCLUDING PORTUGUESE 101 AND 102, AND INCLUDING PORTUGUESE 201 AND AT LEAST SIX HOURS OF PORTUGUESE FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. EITHER LINGUISTICS 300, INTRODUCTION TO LINGUISTICS, OR LINGUISTICS 302, COMPARATIVE LINGUISTICS, MAY BE COUNTED TOWARD THE MAJOR IN PORTUGUESE.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ENGLISH (EXCLUDING RHETORIC 101 AND 102), FRENCH, GEOGRAPHY, GERMAN, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, POLITICAL SCIENCE, RUSSIAN, SPANISH.

COURSES FOR UNDERGRADUATES

PORT 102 ELEMENTARY PORTUGUESE, II.
 PREREQUISITE: PORT. 101.
 4 HOURS
 ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS W3-W22.

67309	LECT-DISC	E	1	MTWTH	108	L H
67317	LAB	W 3	8-830	W F	202	L H
67325	LAB	W 4	830-9	W F	202	L H
67333	LAB	W 5	9-930	W F	202	L H
67341	LAB	W 6	930-10	W F	202	L H
67350	LAB	W 7	10-1030	W F	202	L H
67368	LAB	W 8	1030-11	W F	202	L H
67376	LAB	W 9	11-1130	W F	202	L H

PORT 102 CONTINUED

67384	LAB	W10	1130-12	W F	202	L H
67392	LAB	W11	12-1230	W F	202	L H
67406	LAB	W12	1230-1	W F	202	L H
67414	LAB	W13	1-130	W F	202	L H
67422	LAB	W14	130-2	W F	202	L H
67431	LAB	W15	2-230	W F	202	L H
67449	LAB	W16	230-3	W F	202	L H
67457	LAB	W17	3-330	W F	202	L H
67465	LAB	W18	330-4	W F	202	L H
67473	LAB	W19	4-430	W F	202	L H
67481	LAB	W20	430-5	W F	202	L H
67490	LAB	W21	5-530	W F	202	L H
67503	LAB	W22	530-6	W F	202	L H

PORT 104 INTERMEDIATE PORTUGUESE, II.

PREREQUISITE: PORT. 103 OR THREE YEARS OF HIGH SCHOOL PORTUGUESE.

4 HOURS

67511	LECT-DISC	X	12	MTUWTH	176	L H
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PORT 112 INTERMEDIATE PORTUGUESE.

PREREQUISITE: PORT. 102 OR 111, OR TWO YEARS OF HIGH SCHOOL PORTUGUESE.

8 HOURS

67520	LECT-DISC	A	8-10	TUWTHF	118	L H
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PORT 109 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

67538	CONF		ARR			STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

PORT 201 INTRODUCTION TO PORTUGUESE AND BRAZILIAN LITERATURE.

PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR.

3 HOURS

67546	LECT-DISC		10	M W F	136	ARMORY AIEX
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PORT 290 READINGS IN PORTUGUESE.

PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR.

2 TO 4 HOURS

67554	CONF		ARR			STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PORT 302 INTRODUCTION TO PORTUGUESE LITERATURE.

PREREQUISITE: PORT. 201 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

67562	LECT-DISC		9	M W F	170	L H PRETO-RODAS
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PORT 304 A CULTURA BRASILEIRA DESDE 1822.

PREREQUISITE: PORT. 201 OR 211, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

67571	LECT-DISC		11	M W F	136	ARMORY AIEX
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COURSES FOR GRADUATES

PORT 407 STUDIES IN BRAZILIAN LITERATURE.

PREREQUISITE: PORT. 301 OR CONSENT OF INSTRUCTOR.

1 UNIT

67589	LECT-DISC		10	M W	170	L H PRETO-RODAS
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PORT 462 INTRODUCTION TO ROMANCE LINGUISTICS.

SAME AS LING., FR., SPAN. AND ITAL. 462.

1/2 UNIT

67597	LECT-DISC		10	TU TH	176	L H WANNER
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PORT 491 SPECIAL TOPICS IN PORTUGUESE.

1/2 OR 1 UNIT

67601	CONF		ARR			STAFF
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PORT 499 THESIS RESEARCH.
0 TO 4 UNITS
67619 CONF

ARR

ALLEN, FORSTER
KAHANE,
PRETO-RODAS

PSYCHOLOGY

DEPARTMENT OFFICE

308 PSYCH BLDG

MAJOR: THREE TYPES OF MAJOR PROGRAMS ARE OFFERED: THE GENERAL MAJOR, SUITABLE FOR STUDENTS INTERESTED PRIMARILY IN GENERAL LIBERAL EDUCATION; THE APPLIED PSYCHOLOGY MAJOR, DESIGNED FOR STUDENTS INTERESTED IN VOCATIONAL PREPARATION INVOLVING A MINIMUM OF GRADUATE TRAINING; AND THE GRADUATE PREPARATORY MAJOR, DESIGNED MAINLY TO PREPARE STUDENTS FOR GRADUATE TRAINING LEADING TO THE DOCTORATE IN PSYCHOLOGY.

THE GENERAL MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 135 IS REQUIRED IN THIS PROGRAM AND SHOULD BE TAKEN AS SOON AS POSSIBLE AFTER THE INTRODUCTORY COURSE. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE TWO FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294 MAY BE INCLUDED IN AREA I OR AREA II.

THE APPLIED PSYCHOLOGY MAJOR CAN SPECIALIZE IN ANY ONE OF THREE DIFFERENT OPTIONS, NAMELY, ENGINEERING PSYCHOLOGY, PERSONNEL PSYCHOLOGY, AND MEASUREMENT PSYCHOLOGY. THE REQUIREMENTS FOR ENGINEERING PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 356, 358; 12 HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332, 390; COMPUTER SCIENCE 103; PHYSIOLOGY 305. THE REQUIREMENTS FOR PERSONNEL PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 332, 355, 390; 6 HOURS SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM ACCOUNTANCY 201; BUSINESS LAW 261; ECONOMICS 102, 103, 300; INDUSTRIAL ENGINEERING 287; SOCIOLOGY 300; COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGICAL MEASUREMENT ARE AS FOLLOWS: PSYCHOLOGY 100, 103, OR 105; PSYCHOLOGY 235, 245, 390; THREE HOURS SELECTED FROM PSYCHOLOGY 216, 250, 338; THREE HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332; EITHER COMPUTER SCIENCE 101 OR 103.

THE GRADUATE PREPARATORY MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 235 AND EIGHT HOURS OF WORK IN LABORATORY COURSES AT THE 300 LEVEL ARE REQUIRED IN THIS PROGRAM. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294, MAY BE INCLUDED IN EITHER AREA I OR AREA II. GRADUATE PREPARATORY MAJORS ARE ALSO URGED TO TAKE MATHEMATICS THROUGH CALCULUS, AT LEAST A FULL-YEAR LABORATORY COURSE IN ANOTHER SCIENCE, AND AT LEAST TWO YEARS OF FRENCH, GERMAN OR RUSSIAN, WITH TWO YEARS IN EACH OF TWO DESIRABLE.

MINOR: FOR THE GENERAL MAJOR, 20 HOURS IN ANY SUBJECT MATTER ACCEPTED FOR CREDIT BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES; IF TWO ARE CHOSEN THERE MUST BE A MINIMUM OF 8 HOURS IN EACH. IN ADDITION, IF FOREIGN LANGUAGE CREDIT IS OFFERED, IT MUST BE BEYOND THAT REQUIRED BY THE COLLEGE FOR GRADUATION.

FOR THE APPLIED PSYCHOLOGY MAJOR, THE MINOR MUST BE SELECTED IN ACCORDANCE WITH THE MAJOR OPTION. FOR ENGINEERING PSYCHOLOGY, A MINOR OR MINORS OF 20 HOURS SELECTED FROM MATHEMATICS, ENGINEERING, PHYSICS, AND PHYSIOLOGY. FOR PERSONNEL PSYCHOLOGY, A MINOR OR SPLIT MINOR OF 20 HOURS SELECTED FROM MATHEMATICS, ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY. FOR PSYCHOLOGICAL MEASUREMENT, A MINOR OF 20 HOURS IN MATHEMATICS WHICH INCLUDES MATHEMATICS 315.

FOR THE GRADUATE PREPARATORY MAJOR, 20 HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, PROVIDING THAT IF TWO ARE CHOSEN, THERE MUST BE A MINIMUM OF 8 HOURS IN EACH: ANTHROPOLOGY, ANY BIOLOGICAL SCIENCE, CHEMISTRY, ECONOMICS, EDUCATION, ENGINEERING, LINGUISTICS, MATHEMATICS, PHILOSOPHY, PHYSICS, POLITICAL SCIENCE, AND SOCIOLOGY.

DEPARTMENTAL DISTINCTION: THE MINIMUM REQUIREMENTS FOR GRADUATION WITH DEPARTMENTAL DISTINCTION IN PSYCHOLOGY ARE AS FOLLOWS: A 4.33 GRADE POINT AVERAGE IN PSYCHOLOGY COURSES, SATISFACTORY COMPLETION OF THE COURSES REQUIRED IN THE GRADUATE PREPARATORY MAJOR PROGRAM, AND FOUR HOURS OF CREDIT IN PSYCHOLOGY 291-292, THE HONORS PROGRAM SEMINAR, INCLUDING AN ACCEPTABLE BACHELOR'S THESIS.

COURSES FOR UNDERGRADUATES

PSYCH 100 INTRODUCTION TO PSYCHOLOGY.

NOT OPEN TO STUDENTS ELECTING PSYCH. 103 OR 105.

REQUIRES FIVE HOURS OF PARTICIPATION IN LABORATORY EXPERIMENTS 4 HOURS

LECTURE-DISCUSSION 1 THROUGH 24 ARE A COMBINATION OF CLOSED-CIRCUIT TELEVISION LECTURES, DEMONSTRATIONS, AND FILMS, FOLLOWED BY DISCUSSION. STUDENTS SHOULD REGISTER FOR ONE SECTION ONLY. LECTURES A THROUGH F DO NOT INCLUDE CLOSED-CIRCUIT TELEVISION AND MEET 3 HOURS PER WEEK WITH THE FOURTH HOUR TO BE ARRANGED. LECTURES G, H, AND I ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER; FOURTH HOUR TO BE ARRANGED.

67627	LECT-DISC	1	8-920	M W	244	M E B
67635	LECT-DISC	2	8-920	M W	252	M E B
67643	LECT-DISC	3	8-920	M W	31	PSYCH BLDG
67651	LECT-DISC	4	8-920	TU TH	244	M E B
67660	LECT-DISC	5	8-920	TU TH	252	M E B
67678	LECT-DISC	6	8-920	TU TH	31	PSYCH BLDG
67686	LECT-DISC	7	930-1050	M W	244	M E B
67694	LECT-DISC	8	930-1050	M W	252	M E B
67708	LECT-DISC	9	930-1050	M W	31	PSYCH BLDG
67716	LECT-DISC	10	930-1050	TU TH	244	M E B
67724	LECT-DISC	11	930-1050	TU TH	252	M E B
67732	LECT-DISC	12	930-1050	TU TH	31	PSYCH BLDG
67741	LECT-DISC	13	11-1220	M W	244	M E B
67759	LECT-DISC	14	11-1220	M W	252	M E B
67767	LECT-DISC	15	11-1220	M W	31	PSYCH BLDG
67775	LECT-DISC	16	11-1220	TU TH	244	M E B
67783	LECT-DISC	17	11-1220	TU TH	252	M E B
67791	LECT-DISC	18	11-1220	TU TH	31	PSYCH BLDG
67805	LECT-DISC	19	1230-150	M W	244	M E B
67813	LECT-DISC	20	1230-150	M W	252	M E B
67821	LECT-DISC	21	1230-150	M W	31	PSYCH BLDG
67830	LECT-DISC	22	1230-150	TU TH	31	PSYCH BLDG
67848	LECT-DISC	23	2-320	M W	31	PSYCH BLDG
67856	LECT-DISC	24	2-320	TU TH	31	PSYCH BLDG
67864	LECT	A	8	M W F	32	PSYCH BLDG
67872	LECT	B	9	M W F	196	L H
67881	LECT	C	11	M W F	32	PSYCH BLDG
67899	LECT	D	12	M W F	32	PSYCH BLDG
67902	LECT	E	1	M W F	32	PSYCH BLDG
67911	LECT	F	2	M W F	32	PSYCH BLDG
67929	LECT	G	8	M W F	17	PSYCH BLDG
67937	LECT	H	10	M W F	17	PSYCH BLDG
67945	LECT	I	2	M W F	17	PSYCH BLDG

ATWOOD
HALFF

PSYCH 103 HUMAN BEHAVIOR.

NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 105.

4 HOURS

STUDENT ENROLLS IN ONE COMBINATION LABORATORY-DISCUSSION.

67953	LAB-DISC	1	9	TU TH	141	COM W	MAIER
		1	8-10	M W	35	PSYCH BLDG	
67961	LAB-DISC	2	9	TU TH	141	COM W	MAIER
		2	8-10	M W	37	PSYCH BLDG	
67970	LAB-DISC	3	9	TU TH	141	COM W	MAIER
		3	10-12	M W	35	PSYCH BLDG	
67988	LAB-DISC	4	9	TU TH	141	COM W	MAIER
		4	10-12	M W	37	PSYCH BLDG	
67996	LAB-DISC	5	9	TU TH	141	COM W	MAIER
		5	1-3	M W	35	PSYCH BLDG	
68002	LAB-DISC	6	9	TU TH	141	COM W	MAIER
		6	1-3	M W	37	PSYCH BLDG	
68011	LAB-DISC	7	9	TU TH	141	COM W	MAIER
		7	3-5	M W	35	PSYCH BLDG	
68029	LAB-DISC	8	9	TU TH	141	COM W	MAIER
		8	3-5	M W	37	PSYCH BLDG	
68037	LAB-DISC	9	9	TU TH	141	COM W	MAIER
		9	10-12	TU TH	35	PSYCH BLDG	
68045	LAB-DISC	10	9	TU TH	141	COM W	MAIER
		10	10-12	TU TH	37	PSYCH BLDG	
68053	LAB-DISC	11	9	TU TH	141	COM W	MAIER
		11	1-3	TU TH	35	PSYCH BLDG	
68061	LAB-DISC	12	9	TU TH	141	COM W	MAIER
		12	1-3	TU TH	37	PSYCH BLDG	
68070	LAB-DISC	13	9	TU TH	141	COM W	MAIER
		13	3-5	TU TH	35	PSYCH BLDG	
68088	LAB-DISC	14	9	TU TH	141	COM W	MAIER
		14	3-5	TU TH	37	PSYCH BLDG	

PSYCH 105 ELEMENTS OF PSYCHOLOGY.

NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 103.

FOR PLACEMENT PURPOSES ENROLLMENT IS LIMITED TO STUDENTS WHOSE

ACT COMPOSITE SCORE IS 21 AND BELOW.

4 HOURS

68096	LECT-DISC	1	9	M W F	23	PSYCH BLDG	TRUMPETER
		1	1	W	9	PSYCH BLDG	
68100	LECT-DISC	2	9	M W F	23	PSYCH BLDG	TRUMPETER
		2	2	W	9	PSYCH BLDG	
68118	LECT-DISC	3	9	M W F	23	PSYCH BLDG	TRUMPETER
		3	3	W	9	PSYCH BLDG	
68126	LECT-DISC	4	9	M W F	23	PSYCH BLDG	TRUMPETER
		4	1	TU	149	ADMIN	
68134	LECT-DISC	5	9	M W F	23	PSYCH BLDG	TRUMPETER
		5	2	TU	149	ADMIN	
68142	LECT-DISC	6	9	M W F	23	PSYCH BLDG	TRUMPETER
		6	3	TU	149	ADMIN	

PSYCH 135 STATISTICAL THINKING IN PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105.

*CREDIT IS NOT GIVEN FOR PSYCH. 135 IN ADDITION TO ECON. 171

MATH. 161, OR PSYCH. 235.

*3 HOURS

68151	LECT	A	9-1020	TU TH	17	PSYCH BLDG	C. LEWIS
68169	LECT	B	1	M W F	17	PSYCH BLDG	JERRY COHEN

PSYCH 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

STUDENTS WISHING TO REGISTER IN ONE OR MORE OF THESE SECTIONS SHOULD CONSULT THE ACADEMIC COUNSELOR OF THE PSYCHOLOGY DEPARTMENT, ROOM 2, PSYCH BUILDING, TO LEARN TOPIC OF SECTION AND INSTRUCTOR'S IDENTITY.

68177	CONF	A	ARR
68185	CONF	B	ARR
68193	CONF	C	ARR
68207	CONF	D	ARR
68215	CONF	E	ARR

GREENOUGH

COURSES FOR ADVANCED UNDERGRADUATES

PSYCH 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105.

*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 201 AND SOC. 201.

*4 HOURS

STUDENT ENROLLS IN ONE COMBINATION DISCUSSION-LECTURE.

SECTIONS G AND H ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER. FOURTH HOUR TO BE ARRANGED FOR HONORS SECTION ONLY.

68223	LECT-DISC	A 1	9	M W F	L H THEATRE
		A 1	8	TU	9 PSYCH BLDG
68231	LECT-DISC	A 2	9	M W F	L H THEATRE
		A 2	9	TU	9 PSYCH BLDG
68240	LECT-DISC	A 3	9	M W F	L H THEATRE
		A 3	10	TU	9 PSYCH BLDG
68258	LECT-DISC	A 4	9	M W F	L H THEATRE
		A 4	11	TU	9 PSYCH BLDG
68266	LECT-DISC	A 5	9	M W F	L H THEATRE
		A 5	1	TU	9 PSYCH BLDG
68274	LECT-DISC	A 6	9	M W F	L H THEATRE
		A 6	2	TU	9 PSYCH BLDG
68282	LECT-DISC	A 7	9	M W F	L H THEATRE
		A 7	3	TU	9 PSYCH BLDG
68291	LECT-DISC	A 8	9	M W F	L H THEATRE
		A 8	4	TU	9 PSYCH BLDG
68304	LECT-DISC	A 9	9	M W F	L H THEATRE
		A 9	8	TH	9 PSYCH BLDG
68312	LECT-DISC	A 10	9	M W F	L H THEATRE
		A 10	9	TH	9 PSYCH BLDG
68321	LECT-DISC	B 1	10	M W F	L H THEATRE
		B 1	8	TU	13 PSYCH BLDG
68339	LECT-DISC	B 2	10	M W F	L H THEATRE
		B 2	9	TU	13 PSYCH BLDG
68347	LECT-DISC	B 3	10	M W F	L H THEATRE
		B 3	10	TU	13 PSYCH BLDG
68355	LECT-DISC	B 4	10	M W F	L H THEATRE
		B 4	11	TU	13 PSYCH BLDG
68363	LECT-DISC	B 5	10	M W F	L H THEATRE
		B 5	12	TU	13 PSYCH BLDG
68371	LECT-DISC	B 6	10	M W F	L H THEATRE
		B 6	1	TU	13 PSYCH BLDG
68380	LECT-DISC	B 7	10	M W F	L H THEATRE
		B 7	2	TU	13 PSYCH BLDG
68398	LECT-DISC	B 8	10	M W F	L H THEATRE
		B 8	3	TU	13 PSYCH BLDG
68401	LECT-DISC	B 9	10	M W F	L H THEATRE
		B 9	8	TH	13 PSYCH BLDG
68410	LECT-DISC	B 10	10	M W F	L H THEATRE
		B 10	9	TH	13 PSYCH BLDG
68428	LECT-DISC	C 1	8	M W F	112 G H
		C 1	8	TU	27 PSYCH BLDG
68436	LECT-DISC	C 2	8	M W F	112 G H
		C 2	9	TU	27 PSYCH BLDG
68444	LECT-DISC	C 3	8	M W F	112 G H
		C 3	10	TU	27 PSYCH BLDG
68452	LECT-DISC	C 4	8	M W F	112 G H
		C 4	11	TU	27 PSYCH BLDG
68461	LECT-DISC	C 5	8	M W F	112 G H
		C 5	1	TU	27 PSYCH BLDG
68479	LECT-DISC	C 6	8	M W F	112 G H
		C 6	2	TU	27 PSYCH BLDG
68487	LECT-DISC	C 7	8	M W F	112 G H
		C 7	3	TU	27 PSYCH BLDG

PSYCH 201 CONTINUED

68495	LECT-DISC	C 8	8	M W F	112	G H	
		C 8	4	TU	27	PSYCH BLDG	
68509	LECT-DISC	C 9	8	M W F	112	G H	
		C 9	1	TH	27	PSYCH BLDG	
68517	LECT-DISC	C10	8	M W F	112	G H	
		C10	2	TH	27	PSYCH BLDG	
68525	LECT-DISC	D 1	1	M W F	112	G H	
		D 1	8	TH	27	PSYCH BLDG	
68533	LECT-DISC	D 2	1	M W F	112	G H	
		D 2	9	TH	27	PSYCH BLDG	
68541	LECT-DISC	D 3	1	M W F	112	G H	
		D 3	10	TH	27	PSYCH BLDG	
68550	LECT-DISC	D 4	1	M W F	112	G H	
		D 4	11	TH	27	PSYCH BLDG	
68568	LECT-DISC	D 5	1	M W F	112	G H	
		D 5	12	TH	27	PSYCH BLDG	
68576	LECT-DISC	D 6	1	M W F	112	G H	
		D 6	1	TH	13	PSYCH BLDG	
68584	LECT-DISC	D 7	1	M W F	112	G H	
		D 7	2	TH	13	PSYCH BLDG	
68592	LECT-DISC	D 8	1	M W F	112	G H	
		C 8	3	TH	13	PSYCH BLDG	
68606	LECT-DISC	D 9	1	M W F	112	G H	
		D 9	4	TH	13	PSYCH BLDG	
68614	LECT-DISC	D10	1	M W F	112	G H	
		D10	4	TU	13	PSYCH BLDG	
68622	LECT	EF	9	M W F	207	PSYCH BLDG	
68631	LECT	EF	1	M W F	207	PSYCH BLDG	

PSYCH 211 PHYSIOLOGICAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105; PHYSL. 103 OR ZOOL. 104;
CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE
DEPARTMENT OF PSYCHOLOGY.

3 HOURS

*SECTIONS 1A, 2A, 3A, 4A, 5A AND 6A ARE FOR PSYCHOLOGY MAJORS ONLY.

ALL OTHER STUDENTS MUST ENROLL IN SECTION 1B, 2B, 3B, 4B,
5B OR 6B.

68649	LAB-DISC	*1A	9-11	M	258	PSYCH BLDG	
		*1A	11	TU TH	32	PSYCH BLDG	DONCHIN
68703	LAB-DISC	*1B	9-11	M	258	PSYCH BLDG	
		*1B	11	TU TH	32	PSYCH BLDG	DONCHIN
68657	LAB-DISC	*2A	9-11	TU	258	PSYCH BLDG	
		*2A	11	TU TH	32	PSYCH BLDG	DONCHIN
68711	LAB-DISC	*2B	9-11	TU	258	PSYCH BLDG	
		*2B	11	TU TH	32	PSYCH BLDG	DONCHIN
68665	LAB-DISC	*3A	9-11	W	258	PSYCH BLDG	
		*3A	11	TU TH	32	PSYCH BLDG	DONCHIN
68720	LAB-DISC	*3B	9-11	W	258	PSYCH BLDG	
		*3B	11	TU TH	32	PSYCH BLDG	DONCHIN
68673	LAB-DISC	*4A	9-11	TH	258	PSYCH BLDG	
		*4A	11	TU TH	32	PSYCH BLDG	DONCHIN
68738	LAB-DISC	*4B	9-11	TH	258	PSYCH BLDG	
		*4B	11	TU TH	32	PSYCH BLDG	DONCHIN
68681	LAB-DISC	*5A	9-11	F	258	PSYCH BLDG	
		*5A	11	TU TH	32	PSYCH BLDG	DONCHIN
68746	LAB-DISC	*5B	9-11	F	258	PSYCH BLDG	
		*5B	11	TU TH	32	PSYCH BLDG	DONCHIN
68690	LAB-DISC	*6A	9-11	S	258	PSYCH BLDG	
		*6A	11	TU TH	32	PSYCH BLDG	DONCHIN
68754	LAB-DISC	*6B	9-11	S	258	PSYCH BLDG	
		*6B	11	TU TH	32	PSYCH BLDG	DONCHIN

PSYCH 216 CHILD PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105.

3 HOURS

*SECTIONS 6D AND 6E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE
LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE
GRADE-POINT AVERAGE IS 4.25 OR BETTER.

68762	LECT	A	8	M W F	141	COM W	GRIMM
68771	LECT	B	10	M W F	100	G H	BOGARTZ
68789	LECT	C	11	M W F	100	G H	MONTANELLI
68801	LECT	*6D	1	M W F	13	PSYCH BLDG	MONTANELLI
68819	LECT	*6E	2	M W F	29	PSYCH BLDG	BIJOU
68797	LECT	F	10	M W F	23	PSYCH BLDG	L. COHEN

PSYCH 230 PERCEPTION.

PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

3 HOURS

*SECTIONS A1, B1, AND C1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2, B2, OR C2.

68827	LECT	*A1	9-1020	TU TH	32	PSYCH BLDG	TRAHIOTIS
68851	LECT	*A2	9-1020	TU TH	32	PSYCH BLDG	TRAHIOTIS
68835	LECT	*B1	9-1020	M W F	32	PSYCH BLDG	HAKE
68960	LECT	*B2	9-1020	M W F	32	PSYCH BLDG	HAKE
68843	LECT	*C1	1-220	TU TH	32	PSYCH BLDG	TRAHIOTIS
68878	LECT	*C2	1-220	TU TH	32	PSYCH BLDG	TRAHIOTIS

PSYCH 235 STATISTICAL METHODS IN PSYCHOLOGICAL RESEARCH.

PREREQUISITE: PSYCH. 100, 103, OR 105; MATH. 111 OR EQUIVALENT; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

*ONLY 1 HOUR OF CREDIT IS GIVEN TO THOSE WHO HAVE CREDIT IN ECON. 170 OR 171, MATH. 161 OR PSYCH. 135.

*4 HOURS

*SECTIONS A1, B1, C1 AND D1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN A2, B2, C2, OR D2.

68886	LECT	*A1	11	MTUWTH	17	PSYCH BLDG	JONES
68924	LECT	*A2	11	MTUWTH	17	PSYCH BLDG	JONES
68894	LECT	*B1	3-5	TU TH	23	PSYCH BLDG	SHAW
68932	LECT	*B2	3-5	TU TH	23	PSYCH BLDG	SHAW
68908	LECT	*C1	1-3	TU TH	23	PSYCH BLDG	CAMPIONE
68941	LECT	*C2	1-3	TU TH	23	PSYCH BLDG	CAMPIONE
68916	LECT	*D1	3-5	M W	23	PSYCH BLDG	KAPPAUF
68959	LECT	*D2	3-5	M W	23	PSYCH BLDG	KAPPAUF

PSYCH 245 INDUSTRIAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, OR 105; A COURSE IN STATISTICS.

3 HOURS

68967	LECT		2	M W F	23	PSYCH BLDG	HOEL
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PSYCH 246 VERTEBRATE SOCIAL ORGANIZATION.

SAME AS SOC. AND ZOOL. 246

PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY.

3 HOURS

68975	LECT		10	M W F	202	H H	BANKS
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PSYCH 248 LEARNING.

PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

3 HOURS

*SECTIONS A1 AND B1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2 OR B2.

68983	LECT	*A1	8	M W F	23	PSYCH BLDG	LIEBERMAN
69008	LECT	*A2	8	M W F	23	PSYCH BLDG	LIEBERMAN
68991	LECT	*B1	1	M W F	23	PSYCH BLDG	ATWOOD
69016	LECT	*B2	1	M W F	23	PSYCH BLDG	ATWOOD

PSYCH 250 PSYCHOLOGY OF PERSONALITY.

PREREQUISITE: PSYCH. 100, 103, OR 105.

*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 150 AND 250.

*3 HOURS

SECTIONS 6D, 6E AND 6F ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER.

69024	LECT	A	9	M W F	100	G H	CLORE,
69032	LECT	B	10	M W F	66	LIB	RENNER AND
69041	LECT	C	2	M W F	100	G H	WIGGINS
69059	LECT	6D	9	M W F	27	PSYCH BLDG	WARREN
69067	LECT	6E	2	M W F	27	PSYCH BLDG	COLES
69075	LECT	6F	10	M W F	141	A H	WOLL

PSYCH 291 HONORS, I.

PREREQUISITE: JUNIOR STANDING; CONSENT OF INSTRUCTOR.

2 TO 4 HOURS

69083	LECT-DISC	6	ARR				MALPASS
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PSYCH 293 INDIVIDUAL TOPICS.

PREREQUISITE: TEN HOURS OF PSYCHOLOGY; A GRADE POINT AVERAGE OF 4.0; WRITTEN CONSENT OF INSTRUCTOR; IN EXCEPTIONAL CASES, UPON RECOMMENDATION OF THE INSTRUCTOR AND APPROVAL BY THE HEAD OF THE DEPARTMENT, STUDENTS MAY BE ADMITTED WITH A GRADE-POINT AVERAGE OF 3.75.

2 TO 4 HOURS
MAY BE REPEATED.

69091	CONF	A	ARR		STAFF
69105	CONF	B	ARR		STAFF
69113	CONF	C	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PSYCH 307 QUANTITATIVE METHODS, II.

PREREQUISITE: PSYCH. 306.

4 HOURS OR 1 UNIT

69121	LAB-DISC	A	1-3	TU TH	17	PSYCH BLDG	BOGARTZ
		B	ARR				
69130	LAB-DISC	B	11-1	M W	23	PSYCH BLDG	TATSUOKA
		B	ARR				

PSYCH 311 LABORATORY IN PHYSIOLOGICAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 211 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

4 HOURS, OR 1/2 OR 1 UNIT

*SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69148	LECT	*A1	1	TU TH	207	PSYCH BLDG	GREENOUGH & MEAD
	LAB	*A1	ARR				
69156	LECT	*A2	1	TU TH	207	PSYCH BLDG	GREENOUGH & MEAD
	LAB	*A2	ARR				

PSYCH 326 MOTIVATION AND EMOTION.

PREREQUISITE: SIX HOURS OF PSYCHOLOGY.

3 HOURS, OR 1/2 OR 1 UNIT

69164	LECT	11	M W F	103	M H	WARREN
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PSYCH 331 EXPERIMENTAL PSYCHOLOGY, II.

PREREQUISITE: PSYCH. 235 AND 248 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

4 HOURS OR 1/2 UNIT

*SECTIONS A1, B1, C1, AND D1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER FOR A2, B2, C2, OR D2.

69211	LAB-DISC	*A1	9-11	TU TH	289	PSYCH BLDG	
		*A1	9	M W	17	PSYCH BLDG	MONTAGUE
69172	LAB-DISC	*A2	9-11	TU TH	289	PSYCH BLDG	
		*A2	9	M W	17	PSYCH BLDG	MONTAGUE
69229	LAB-DISC	*B1	11-1	TU TH	289	PSYCH BLDG	
		*B1	9	M W	17	PSYCH BLDG	MONTAGUE
69181	LAB-DISC	*B2	11-1	TU TH	289	PSYCH BLDG	
		*B2	9	M W	17	PSYCH BLDG	MONTAGUE
69237	LAB-DISC	*C1	1-3	TU TH	289	PSYCH BLDG	
		*C1	9	M W	17	PSYCH BLDG	MONTAGUE
69199	LAB-DISC	*C2	1-3	TU TH	289	PSYCH BLDG	
		*C2	9	M W	17	PSYCH BLDG	MONTAGUE
69245	LAB-DISC	*D1	3-5	TU TH	289	PSYCH BLDG	
		*D1	9	M W	17	PSYCH BLDG	MONTAGUE
69202	LAB-DISC	*D2	3-5	TU TH	289	PSYCH BLDG	
		*D2	9	M W	17	PSYCH BLDG	MONTAGUE

PSYCH 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY.

SAME AS SOC. 332.

PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

4 HOURS, OR 1/2 OR 1 UNIT

*SECTIONS A1, A3, A5, A7, B1 AND B3 ARE ALL OTHER STUDENTS MUST REGISTER FOR A2, A4, A6, A8, B2, OR B4.

69253	LAB-DISC	*A1	1-3	M W	151	PSYCH BLDG
		*A1	11	TU TH	23	PSYCH BLDG
69318	LAB-DISC	*A2	1-3	M W	151	PSYCH BLDG
		*A2	11	TU TH	23	PSYCH BLDG

PSYCH 332 CONTINUED

69261	LAB-DISC	*A3	1-3	TU TH	151	PSYCH BLDG	
		*A3	11	TU TH	23	PSYCH BLDG	
69326	LAB-DISC	*A4	1-3	TU TH	151	PSYCH BLDG	
		*A4	11	TU TH	23	PSYCH BLDG	
69270	LAB-DISC	*A5	3-5	M W	151	PSYCH BLDG	
		*A5	11	TU TH	23	PSYCH BLDG	
69334	LAB-DISC	*A6	3-5	M W	151	PSYCH BLDG	
		*A6	11	TU TH	23	PSYCH BLDG	
69288	LAB-DISC	*A7	3-5	TU TH	151	PSYCH BLDG	
		*A7	11	TU TH	23	PSYCH BLDG	
69342	LAB-DISC	*A8	3-5	TU TH	151	PSYCH BLDG	
		*A8	11	TU TH	23	PSYCH BLDG	
69296	LAB-DISC	*B1	8-10	M W	151	PSYCH BLDG	
		*B1	1	TU TH	21	PSYCH BLDG	
69351	LAB-DISC	*B2	8-10	M W	151	PSYCH BLDG	
		*B2	1	TU TH	21	PSYCH BLDG	
69300	LAB-DISC	*B3	8-10	TU TH	151	PSYCH BLDG	
		*B3	1	TU TH	21	PSYCH BLDG	
69369	LAB-DISC	*B4	8-10	TU TH	151	PSYCH BLDG	
		*B4	1	TU TH	21	PSYCH BLDG	

PSYCH 338 ABNORMAL PSYCHOLOGY.

PREREQUISITE: SIX HOURS OF PSYCHOLOGY, JUNIOR STANDING EXCEPT FOR THOSE IN THE PREMEDICAL CURRICULUM WHO MAY TAKE THE COURSE AS SECOND SEMESTER SOPHOMORES WITH FOUR HOURS OF PSYCHOLOGY.
3 HOURS, OR 1/2 OR 1 UNIT
*SECTIONS 6D AND 6E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

69377	LECT	A	8	M W F	103	M H	
69385	LECT	B	1	M W F	100	G H	COSTIN
69393	LECT	C	1-220	TU TH	314	A H	GOLDING
69407	LECT	*6D	10	M W F	29	PSYCH BLDG	WAGMAN
69415	LECT	*6E	11	M W F	141	A H	JONIEZ

PSYCH 345 COMPARATIVE PSYCHOLOGY.

PREREQUISITE: SIX HOURS OF PSYCHOLOGY, OR PSYCH. 100, 103, OR 105 AND A COURSE IN ZOOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT

*SECTIONS A1 AND B1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN A2 OR B2.

69423	LAB-DISC	*A1	10-12	TU TH	275	PSYCH BLDG	
		*A1	9	TU TH	21	PSYCH BLDG	HIRSCH
69440	LAB-DISC	*A2	10-12	TU TH	275	PSYCH BLDG	
		*A2	9	TU TH	21	PSYCH BLDG	HIRSCH
69431	LAB-DISC	*B1	1-3	TU TH	275	PSYCH BLDG	
		*B1	9	TU TH	21	PSYCH BLDG	HIRSCH
69458	LAB-DISC	*B2	1-3	TU TH	275	PSYCH BLDG	
		*B2	9	TU TH	21	PSYCH BLDG	HIRSCH

PSYCH 350 RESEARCH AND THEORY IN PERSONALITY.

PREREQUISITE: PSYCH. 100, 103, OR 105; PSYCH. 235 OR EQUIVALENT.
*GRADUATE CREDIT IS NOT ALLOWED FOR BOTH PSYCH. 350 AND 441.
3 HOURS, OR 1/2 OR 1 UNIT

69466	LECT		10-1120	TU TH	21	PSYCH BLDG	CLORE
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PSYCH 351 ADVANCED SOCIAL PSYCHOLOGY.

SAME AS COMM. 351 AND SOC. 351.

PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE.

3 HOURS, OR 1/2 OR 1 UNIT

69474	LECT		3-420	TU TH	32	PSYCH BLDG	
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PSYCH 355 INDUSTRIAL SOCIAL PSYCHOLOGY.

SAME AS L.I.R. 355.

PREREQUISITE: PSYCH. 201 OR 357.

3 HOURS, OR 1/2 OR 1 UNIT

SECTION A1 IS FOR PSYCH MAJORS ONLY. ALL OTHERS REGISTER IN

SECTION A2. LIR MAJORS SEE LIR 355.

69487	LECT	*A1	11	M W F	29	PSYCH BLDG	HOEL
69491	LECT	*A2	11	M W F	29	PSYCH BLDG	HOEL

PSYCH 356 HUMAN FACTORS IN SYSTEM DESIGN.

PREREQUISITE: PSYCH. 258; ONE COURSE IN STATISTICS OR EQUIVALENT.
3 HOURS OR 1 UNIT

69504	LECT		10	M W F	207	PSYCH BLDG	WILLIGES
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PSYCH 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
 SAME AS L.I.R. 357.
 PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
 *NO CREDIT IS GIVEN FOR UNDERGRADUATE MAJORS IN PSYCHOLOGY.
 *3 HOURS, OR 1/2 OR 1 UNIT
 SECTION A1 IS FOR PSYCH MAJORS ONLY. ALL OTHERS REGISTER IN
 SECTION A2. LIR MAJORS SEE LIR 357.

69512	LECT	*A1	11	M W F	207	PSYCH BLDG	GRAEN
69521	LECT	*A2	11	M W F	207	PSYCH BLDG	GRAEN

PSYCH 359 SOCIAL PSYCHOLOGY OF ORGANIZATION.
 SAME AS SOC. 359.
 PREREQUISITE--PSYCH. 355 OR SOC. 322.
 3 HOURS OR 1 UNIT

69539	LECT			9-1020	TU TH	207	PSYCH BLDG
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PSYCH 360 MODERN VIEWPOINTS IN PSYCHOLOGY.
 PREREQUISITE: SENIOR STANDING, 9 HOURS OF PSYCHOLOGY WITH AN
 AVERAGE GRADE OF B, WITH CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

69547	LECT			9-1020	TU TH	29	PSYCH BLDG	WOLL
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PSYCH 374 PROBLEMS IN HUMAN ECOLOGY.
 SAME AS ANTH., GEOG., H. ED., PHYSL., SOC., AND V.M.S. 374.
 PREREQUISITE: ANTH., GEOG., PHYSL., SOC., V.M.S. OR ZOOL. 369.
 4 HOURS OR 1 UNIT
 *ONE DISC HOUR TO BE ARRANGED.

69555	LECT-DISC	*11		M W F	393	BEV HALL	
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PSYCH 386 METHODS OF FIELD RESEARCH.
 SAME AS SOC. 386.
 PREREQUISITE: SOC. 184 AND 185 OR PSYCH. 235.
 3 HOURS, OR 1/2 OR 1 UNIT
 *SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST
 ENROLL IN SECTION A2. SOCIOLOGY MAJORS SEE SOCIOLOGY 386.

69563	LECT-DISC	*A1	3-430	TU TH	300	L H	
69571	LECT-DISC	*A2	3-430	TU TH	300	L H	

PSYCH 390 PSYCHOLOGICAL TESTS AND MEASUREMENTS.
 PREREQUISITE: PSYCH. 235.
 4 HOURS OR 1 UNIT
 *SECTIONS A1, A3, A5 AND A7 ARE FOR PSYCHOLOGY MAJORS ONLY.
 ALL OTHER STUDENTS MUST ENROLL IN A2, A4, A6, OR A8.

69580	LAB-DISC	*A1	9-11	M W	13	PSYCH BLDG	
		*A1	11	TU TH	29	PSYCH BLDG	HULIN
69628	LAB-DISC	*A2	9-11	M W	13	PSYCH BLDG	
		*A2	11	TU TH	29	PSYCH BLDG	HULIN
69598	LAB-DISC	*A3	1-3	M W	21	PSYCH BLDG	
		*A3	11	TU TH	29	PSYCH BLDG	HULIN
69636	LAB-DISC	*A4	1-3	M W	21	PSYCH BLDG	
		*A4	11	TU TH	29	PSYCH BLDG	HULIN
69601	LAB-DISC	*A5	2-4	TU TH	21	PSYCH BLDG	
		*A5	11	TU TH	29	PSYCH BLDG	HULIN
69644	LAB-DISC	*A6	2-4	TU TH	21	PSYCH BLDG	
		*A6	11	TU TH	29	PSYCH BLDG	HULIN
69610	LAB-DISC	*A7	11-1	M W	13	PSYCH BLDG	
		*A7	11	TU TH	29	PSYCH BLDG	HULIN
69652	LAB-DISC	*A8	11-1	M W	13	PSYCH BLDG	
		*A8	1	TU TH	29	PSYCH BLDG	HULIN

COURSES FOR GRADUATES

NOTE: THE PREREQUISITES STATED APPLY TO GRADUATE MAJORS IN
 PSYCHOLOGY. STUDENTS MINORING IN PSYCHOLOGY MAY, BY SPECIAL
 PERMISSION OF INSTRUCTORS, ENROLL IN CERTAIN OF THESE COURSES
 WITHOUT HAVING MET ALL OF THE PREREQUISITES.

PSYCH 403 PROSEMINAR IN GENERAL PSYCHOLOGY, I.
 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.
 1 UNIT

69661	LECT		3-5	TUWTH	17	PSYCH BLDG	J. COHEN
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PSYCH 446 LABORATORIES IN CLINICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 445.
1/2 TO 1 UNIT

69784	LAB	A	ARR	26	C R C	CLINIC STAFF
69792	LAB	B	ARR	26	C R C	
69806	LAB	C	ARR	26	C R C	
69814	LAB	D	ARR	26	C R C	
69822	LAB	E	ARR	26	C R C	
69831	LAB	F	ARR	26	C R C	
69849	LAB	G	ARR	26	C R C	
69857	LAB	H	ARR	26	C R C	
69865	LAB	I	ARR	26	C R C	
69873	LAB	J	ARR	26	C R C	

PSYCH 448 PRACTICUM IN THE STUDY OF INDIVIDUALS.
PREREQUISITE: PSYCH. 441.
1/2 OR 1 UNIT

69881	LECT	1-3	TH	508	PSYCH BLDG	RENNER
	LAB	ARR				

PSYCH 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
SAME AS COMM. 456.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
1 UNIT

69890	LECT	1-3	M	9	PSYCH BLDG	
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PSYCH 458 GROUP DYNAMICS.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, INCLUDING PSYCH. 351 OR EQUIVALENT.
1 UNIT

69903	LECT	10-12	F	508	PSYCH BLDG	
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PSYCH 460 MOTIVATION AND PERSONALITY DEVELOPMENT IN CHILDREN.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1 UNIT

69911	LECT	1-3	TU	508	PSYCH BLDG	HILL
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PSYCH 462 HUMAN ABILITIES.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT.
1 UNIT

69920	LECT	9-11	W	608	PSYCH BLDG	BOWERS
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PSYCH 463 RESEARCH METHODS IN CLINICAL PSYCHOLOGY AND PERSONALITY, I.
PREREQUISITE: PSYCH. 306, 403.
1/2 UNIT

69938	LECT	1-3	TU	608	PSYCH BLDG	BERSTEIN
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PSYCH 464 SOCIAL PERCEPTION.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT.
1 UNIT

69946	LECT	10-12	F	31	PSYCH BLDG	TRIANDIS
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PSYCH 465 LEARNING IN CHILDREN.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1 UNIT

69954	LECT	1-3	TU	29	PSYCH BLDG	GOULET
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PSYCH 483 PSYCHOLOGY OF SPEECH AND HEARING DISORDERS, I.
SAME AS SPCH. 483.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT

69962	LECT-DISC	10-12	TU	324	I H	
		11	TH	324	I H	

PSYCH 485 THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS.
SAME AS B. ADM. AND SOC. 485.
PREREQUISITE: SOC. 387 OR ECON. 371, OR CONSENT OF INSTRUCTOR.
1 UNIT

69971	LECT-DISC	F	3-5	M	170	COM W
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PSYCH 490 INDIVIDUAL RESEARCH.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS
 STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE
 SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
 69989 CONF A
 69997 CONF B
 70005 CONF C

PSYCH 492 PSYCHOLOGY OF LEARNING AND INSTRUCTION.
 SAME AS ED. PSY. 492.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 70013 LECT-DISC 10-12 TU 8 L H

PSYCH 493 SEMINAR.
 PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY; CONSENT
 OF INSTRUCTOR.
 1/2 OR 1 UNIT
 STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE
 SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
 70021 LECT-DISC A ARR
 70030 LECT-DISC B ARR
 70046 LECT-DISC C ARR

PSYCH 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
 SAME AS ED. PSY. AND SOC. 494.
 PREREQUISITE: PSYCH. 307 OR ED. PSY. 496, CONSENT OF INSTRUCTOR.
 1 UNIT
 70056 LECT 10-12 F 13 PSYCH BLDG LEWIS

PSYCH 495 THEORY OF MEASUREMENT.
 SAME AS ED. PSY. 495.
 PREREQUISITE: ED. PSY. 496 OR PSYCH. 307 OR EQUIVALENT,
 ED. PSY. 392 OR PSYCH. 390 OR EQUIVALENT.
 1 UNIT
 70064 LECT-DISC 3-5 M W 150 ARMORY

PSYCH 499 THESIS RESEARCH.
 0 TO 4 UNITS
 *SECTION A IS FOR M.A. THESIS. SECTION B IS FOR PH. D. THESIS.
 70072 CONF *A ARR
 70081 CONF *B ARR

STAFF
 STAFF

RADIO AND TELEVISION

DEPARTMENT OFFICE

1218 G H

COURSES FOR ADVANCED UNDERGRADUATES

R TV	252	TELEVISION LABORATORY. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 3 HOURS *LECTURE A1 AND LAB SECTIONS B1 AND L1 ARE FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE A2 AND LAB SECTIONS B2 AND L2.									
	70099	LECT	*A1	8	M	225	G H		STELLA		
	70129	LECT	*A2	8	M	225	G H				
	70102	LAB	*B1	8-10	W F	8	TV BLDG		STELLA		
	70137	LAB	*B2	8-10	W F	8	TV BLDG				
	70111	LAB	*L1	8-10	TU TH	8	TV BLDG		STELLA		
	70145	LAB	*L2	8-10	TU TH	8	TV BLDG				
R TV	261	PRINCIPLES OF RADIO AND TELEVISION BROADCASTING. 2 HOURS									
	70153	LECT-DISC	N	10	TU TH	225	G H		WELCH		
	70161	LECT-DISC	P	11	TU TH	225	G H		WELCH		
	70170	LECT-DISC	S	2	TU TH	215	G H		DOUGLASS		
R TV	263	RADIO AND TELEVISION ANNOUNCING. PREREQUISITE: CONSENT OF INSTRUCTOR. 2 HOURS									
	70188	LAB-DISC	L	8-10	TU TH	233	G H		JONES		
R TV	267	RADIO PRODUCTION AND DIRECTION. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 3 HOURS									
	70196	LECT	A	8	M	233	G H		JONES		
		LAB	A	8-10	W F	233	G H		JONES		
R TV	280	FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE. SAME AS THEAT. 280 AND RHET. AND SPCH. 263. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS									
	70200	LECT-DISC	E	1	W F	A	ENSEMBLE KRAN		AULETTA		
			E	2	W	A	ENSEMBLE KRAN				
	70218	LECT-DISC	R	1	TU TH	A	ENSEMBLE KRAN		AULETTA		
			R	2	TU	A	ENSEMBLE KRAN				
R TV	291	SPECIAL PROBLEMS. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 2 OR 3 HOURS									
	70226	CONF		ARR					WELCH		

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

R TV	354	TELEVISION DIRECTING. PREREQUISITE: R. TV. 252; CONSENT OF HEAD OF DEPARTMENT. 3 HOURS OR 1/2 UNIT *SECTION B1 IS FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B2.									
	70234	LECT	*B1	9	M	18	G H		BLUE		
		LAB	*B1	8-10	W F	A	TV BLDG				
	70242	LECT	*B2	9	M	18	G H		BLUE		
		LAB	*B2	8-10	W F	A	TV BLDG				
R TV	355	TELEVISION NEWS. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT									
	70251	LECT-DISC	C	10	M	225	G H		LIPPOLO		
		LAB	C	10-12	W F	225	G H		LIPPOLO		

R TV	356	CINEMATOGRAPHY FOR TELEVISION.										
		PREREQUISITE: CONSENT OF INSTRUCTOR.										
		3 HOURS OR 1/2 UNIT										
	70269	LECT	R	1-3	TU	501 S	WRIGHT	HALL				
		LAB	R	1-4	TH	501 S	WRIGHT					
	70277	LECT	L	9-11	TU	501 S	WRIGHT	HALL				
		LAB	L	8-11	TH	501 S	WRIGHT					
R TV	357	BROADCAST CONTINUITY WRITING.										
		PREREQUISITE: CONSENT OF INSTRUCTOR.										
		3 HOURS OR 1/2 UNIT										
	70285	LECT-DISC	E	1	M W F	225	G H	LIPPOLD				
R TV	362	RADIO AND TELEVISION STATION MANAGEMENT.										
		PREREQUISITE: R. TV. 261, SENIOR STANDING.										
		2 HOURS OR 1/2 UNIT										
	70293	LECT-DISC	M	9	TU TH	225	G H	MULLALLY				
R TV	363	ADVANCED DRAMATIC WRITING.										
		SAME AS SPCH. 363 AND THEAT. 380.										
		PREREQUISITE: SPCH. 263, CONSENT OF INSTRUCTOR.										
		*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.										
		*3 HOURS, OR 1/2 OR 1 UNIT										
	70307	LECT-DISC		3-6	M	CONF ROOM	KRAN	AULETTA				
R TV	365	RADIO NEWS.										
		PREREQUISITE: JOURN. 211.										
		3 HOURS OR 1/2 UNIT										
	70315	LECT	F	2	M	225	G H	CRAMER				
	70323	LAB	G	2-4	W F	225	G H	CRAMER				
	70331	LAB	S	2-4	TU TH	225	G H	CRAMER				
R TV	366	ADVANCED RADIO AND TELEVISION PRACTICES, I.										
		PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.										
		2 HOURS OR 1/2 UNIT										
	70340	CONF	A	ARR				BLUE				
	70358	CONF	B	ARR				CRAMER				
	70366	CONF	C	ARR				HALL				
	70374	CONF	D	ARR				LIPPOLD				
	70382	CONF	E	ARR				MULLALLY				
	70391	CONF	F	ARR				WELCH				
R TV	367	ADVANCED RADIO AND TELEVISION PRACTICES, II.										
		PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.										
		2 HOURS OR 1/2 UNIT										
		*SECTION C IS FOR HEA INSTITUTES FOR SCHOOL LIBRARIANS.										
	70412	CONF	A	ARR				BLUE				
	70421	CONF	B	ARR				CRAMER				
	70404	CONF	*C	ARR				HALL				
	70439	CONF	D	ARR				LIPPOLD				
	70447	CONF	E	ARR				MULLALLY				
	70455	CONF	F	ARR				WELCH				
R TV	368	RADIO AND TELEVISION REGULATIONS.										
		PREREQUISITE: SENIOR STANDING.										
		2 HOURS OR 1/2 UNIT										
	70463	LECT-DISC	N	10	TU TH	113	G H	DOUGLASS				

COURSES FOR GRADUATES

R TV	450	SPECIAL PROBLEMS IN TELEVISION.										
		PREREQUISITE: A TELEVISION COURSE IN THE AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.										
		1/2 TO 3 UNITS										
	70471	CONF	A	ARR				BLUE				
	70480	CONF	B	ARR				CRAMER				
	70498	CONF	C	ARR				HALL				
	70501	CONF	D	ARR				LIPPOLD				
	70510	CONF	E	ARR				MULLALLY				
	70528	CONF	F	ARR				WELCH				

R TV 463 WORLD BROADCASTING.
 SAME AS COMM. 463.
 PREREQUISITE: R. TV. 462 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 70536 LECT-DISC H 3-5 M 123 G H DOUGLASS

R TV 490 SPECIAL TOPICS IN RADIO AND TELEVISION.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 1/2 OR 1 UNIT
 70544 CONF A ARR
 70552 LAB B 7-9PM W 225 G H WELCH
 MULLALLY

R TV 499 THESIS RESEARCH.
 PREREQUISITE: GRADUATE STANDING IN RADIO AND TELEVISION.
 1 OR 2 UNITS
 70561 CONF ARR WELCH

RECREATION AND PARK ADMINISTRATION

DEPARTMENT OFFICE

104 HUFF GYM

COURSES FOR UNDERGRADUATES

REC 100 LEISURE: ITS USES AND RESOURCES.
 4 HOURS
 70579 LECT 9 M 154 ARMORY LOWREY
 LAB 3-5 TU ARR STAFF
 70587 DISC A 9 W F 154 ARMORY LUPTON
 70595 DISC B 9 W F 207A H G AUSTIN

REC 110 THEORIES AND METHODS OF LEADERSHIP.
 PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.
 3 HOURS
 70609 LAB 11-1 W 428 ARMORY GERSTENBERGER
 70617 LECT-DISC A 11 M F 431 ARMORY GERSTENBERGER
 70625 LECT-DISC B 11 M F 428 ARMORY JEANRENAUD

REC 140 PRINCIPLES OF CAMPING.
 3 HOURS
 *INCLUDES FIVE PRACTICAL CAMPING SESSIONS WITH BOYS AND GIRLS, 8.30
 A.M. TO 12.00 NOON SATURDAYS, APRIL AND MAY.
 70633 LECT-DISC 830-10 TU TH 154 ARMORY LUPTON

REC 180 FIELD EXPERIENCE, I.
 PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR
 CONSENT OF INSTRUCTOR.
 0 TO 1 HOUR
 70641 LAB-DISC 3-5 W 133 ARMORY GERSTENBERGER

REC 181 FIELD EXPERIENCE, II.
 PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR
 CONSENT OF INSTRUCTOR.
 0 TO 1 HOUR
 70650 LAB-DISC 3-5 W 133 ARMORY GERSTENBERGER

REC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 TOPIC IS THE INNER CITY.
 70668 CONF ARR REED

COURSES FOR ADVANCED UNDERGRADUATES

REC 200 OBSERVATION TRIP.
 PREREQUISITE: MAJOR OR MINOR IN RECREATION.
 0 CREDIT
 70676 LAB ARR LOWREY

REC	210	THEORIES AND METHODS OF SUPERVISION. PREREQUISITE: REC. 180 AND 181, OR CONSENT OF INSTRUCTOR. 3 HOURS									
	70684	LECT-DISC		10	M W F	154	ARMORY			LOWREY	
REC	215	RECREATION PROGRAM DEVELOPMENT. PREREQUISITE: REC. 100 AND 200, OR CONSENT OF INSTRUCTOR. 3 HOURS									
	70692	LECT-DISC		130-3	TU TH	154	ARMORY			MILLER	
REC	230	INTRODUCTION TO THERAPEUTIC RECREATION. PREREQUISITE: REC. 100, 110, AND 180, OR CONSENT OF INSTRUCTOR. 3 HOURS									
	70706	LECT-DISC		8	M W F	154	ARMORY			KENNEDY, AND AUSTIN	
REC	240	INTRODUCTION TO OUTDOOR EDUCATION AND RECREATION. PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR. 3 HOURS									
	70714	LECT-DISC		3-5	TU TH	154	ARMORY			WEAVER	
REC	250	SPECIAL PROBLEMS. PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD. *MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT. *2 OR 3 HOURS									
	70722	CONF		ARR							
REC	260	HONORS SEMINAR. SAME AS H. ED., P. E. W., AND P. E. M. 260. PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT. *MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT. *2 HOURS									
		SECTION 6X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION. SECTION 6X2 TOPIC: INTRODUCTION TO RESEARCH.									
	70731	LECT-DISC	6X1	7-9PM	W	207B	FREER GYM				
	70749	LECT-DISC	6X2	7-9PM	W	15	E B				
REC	273	RECREATION IN RURAL AREAS. SAME AS AG. EC. 273. PREREQUISITE: REC. 100 OR SOC. 100 OR R. SOC. 117. FIELD TRIPS, ESTIMATED EXPENSE \$15.00. 2 HOURS									
	70757	LECT-DISC	L	8	TU TH	316N	M H			REGNIER	
REC	280	PRE-PRACTICUM SEMINAR. PREREQUISITE: REC. 181; JUNIOR STANDING AND CONSENT OF THE SUPERVISOR OF FIELD TRAINING. 0 CREDIT									
	70765	LAB-DISC		3-5	M	133	ARMORY			GARRET, LOWREY	
REC	281	PROFESSIONAL FIELD PRACTICUM. PREREQUISITE: REC. 280. 4 HOURS									
	70773	CONF		ARR						GARRET	
COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES											
REC	310	INTRODUCTION TO ADMINISTRATION. PREREQUISITE: REC. 100 AND ADVANCED UNDERGRADUATE STANDING. 3 HOURS, OR 1/2 OR 1 UNIT									
	70781	LECT-DISC		830-10	M W	133	ARMORY			PEZOLDT	
REC	320	PARK MANAGEMENT. PREREQUISITE: OPEN TO SENIOR RECREATION MAJORS, OR CONSENT OF INSTRUCTOR; THE FOLLOWING RECREATION COURSES OR EQUIVALENT MUST BE COMPLETED: L. A. 226, U. P. 171, POL. S. 305, REC. 280 AND 281. 3 HOURS, OR 1/2 OR 1 UNIT									
	70790	LECT-DISC		7-10PM	M	133	ARMORY			VAN METER	

REC 330 PRINCIPLES OF THERAPEUTIC RECREATION.
 PREREQUISITE: ADVANCED UNDERGRADUATE OR GRADUATE STANDING;
 REC. 100 AND 180 OR 181, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 70803 LECT-DISC 3-5 M W 154 ARMORY KENNEDY

COURSES FOR GRADUATES

REC 402 RECREATION ADMINISTRATION.
 PREREQUISITE: BASIC COURSES IN THE ORGANIZATION OF RECREATION OR
 EQUIVALENT.
 1 UNIT
 70811 LECT-DISC 930-1130 TU TH 137 ARMORY SAPORA, LOWREY

REC 403 EVALUATION OF RECREATION RESOURCES AND PROGRAMS.
 PREREQUISITE: REC 100 OR 310, OR EQUIVALENT.
 1 UNIT
 70820 LECT-DISC 3-5 TU TH 152 ARMORY
 LAB 1-3 M 154 ARMORY BISHOP
 MEAD

REC 404 OUTDOOR EDUCATION AND RECREATION.
 PREREQUISITE: REC. 140 OR EQUIVALENT, ONE UNDERGRADUATE COURSE IN
 ANY ONE OF THE FOLLOWING: BIOLOGY, BOTANY, GEOLOGY, OR ZOOLOGY.
 1 UNIT
 70838 LECT-DISC 1-3 TU TH 207 H G WEAVER

REC 490 SEMINAR.
 0 CREDIT
 70846 CONF 10-12 M 132 L H SAPORA & STAFF

REC 493 SPECIAL PROJECTS.
 PREREQUISITE: REC. 403 OR EQUIVALENT, RECREATION MAJOR.
 1/2 TO 2 UNITS
 70854 CONF A ARR LOWREY
 70862 CONF B ARR LINFORD
 70871 CONF C ARR SAPORA
 70889 CONF D ARR WEAVER
 70897 CONF E ARR ELLIS
 70901 CONF F ARR STAFF

REC 499 THESIS RESEARCH.
 0 TO 4 UNITS
 70919 CONF ARR STAFF

RELIGIOUS STUDIES

DEPARTMENT OFFICE

361 L H

THE COLLEGE OF LIBERAL ARTS AND SCIENCES OFFERS AN INTER-DEPARTMENTAL MINOR IN RELIGIOUS STUDIES. DIRECTOR AND STUDENT ADVISER FOR THE PROGRAM IS PROFESSOR WILLIAM R. SCHOEDEL, 361 L H.

THE MINOR IN RELIGIOUS STUDIES REQUIRES AT LEAST TWENTY SEMESTER HOURS (INCLUDING HUMANITIES 201 AND 202) DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE LIST BELOW.

FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTHROPOLOGY	363
CLASSICAL CIVILIZATION	111
HUMANITIES	201, 202, 203, 205, 206, 208
HISTORY	304, 306, 307, 397, 398, 399
PHILOSOPHY	110, 304, 324, 361, 362, 363
SOCIOLOGY	229, 328

RHETORIC
INCLUDING RHETORIC AND COMPOSITION, ENGLISH
AS A SECOND LANGUAGE, AND BUSINESS AND TECHNICAL WRITING

RHETORIC AND COMPOSITION

DEPARTMENT OFFICE

100 E B

MAJOR: TWENTY HOURS IN ENGLISH, INCLUDING TEN HOURS IN LITERATURE (CHOSEN FROM ENGLISH 131 AND ENGLISH COURSES AT THE 200 OR 300 LEVELS) AND TEN HOURS OF WRITING (CHOSEN FROM RHETORIC 143, 144, 205, 206, 227, 246, 255, 263, AND 330). AT LEAST ONE COURSE IN EXPOSITORY WRITING (RHETORIC 143, 227) IS REQUIRED. WITH AN ADVISOR'S PERMISSION, SPEECH 363 OR JOURNALISM 326 MAY BE COUNTED TOWARD THE MAJOR. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINOR: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJOR OF THEIR DEPARTMENT EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED. STUDENTS INTENDING TO DO GRADUATE WORK SHOULD CONSULT THE LANGUAGE REQUIREMENTS OF THE GRADUATE COLLEGE AND THE ENGLISH DEPARTMENT WHEN THEY PLAN THEIR MINOR PROGRAMS.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: A STUDENT MAJORING IN RHETORIC AND COMPOSITION WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR HIGHER) MAY EARN DISTINCTION ONLY BY COMPLETING NINE HOURS OF HONORS WORK IN ADDITION TO THE MINIMUM NUMBER OF HOURS REQUIRED FOR HIS MAJOR. THIS ADDITIONAL CREDIT MUST INVOLVE A SIGNIFICANT WRITING PROJECT IN RHETORIC 255, THE COMPLETION OF ENGLISH 297, AND ANY TWO OF THE FOLLOWING THREE HONORS COURSES: ENGLISH 197, 295, 296. THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE INSTRUCTORS IN CHARGE OF THE COURSES AND THE HONORS COMMITTEE. TO RECEIVE HIGH DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGHEST DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.75. IF, IN THE OPINION OF HIS INSTRUCTORS AND THE COMMITTEE, A CANDIDATE HAS NOT EARNED DISTINCTION, HE MAY STILL RECEIVE CREDIT FOR THE COURSE.

COURSES FOR UNDERGRADUATES

RHET 101 FRESHMAN RHETORIC AND COMPOSITION.

3 HOURS

70927	LECT-DISC	B	9	M W F	238	M E B
70935	LECT-DISC	C	10	M W F	238	M E B
70943	LECT-DISC	X	12	M W F	241	ARMORY
70951	LECT-DISC	F	2	M W F	241	ARMORY
70960	LECT-DISC	G	3	M W F	241	ARMORY
70978	LECT-DISC	O	11-1230	TU TH	201	E B
70986	LECT-DISC	Q	1230-2	TU TH	140	ADMIN

RHET 102 FRESHMAN RHETORIC AND COMPOSITION.

PREREQUISITE: RHET. 101.

3 HOURS

70994	LECT-DISC	A 1	8	M W F	105	H H
71001	LECT-DISC	A 2	9	M W F	320	CER
71019	LECT-DISC	A 3	8	M W F	206	D K H
71027	LECT-DISC	A 4	8	M W F	117	E B
71035	LECT-DISC	A 5	8	M W F	205	E B
71043	LECT-DISC	A 6	8	M W F	209	E B
71051	LECT-DISC	A 7	8	M W F	259	E B
71060	LECT-DISC	A 8	8	M W F	210B	E B
71078	LECT-DISC	A 9	8	M W F	312	N L
71086	LECT-DISC	A10	8	M W F	108	SURV BLDG
71094	LECT-DISC	A11	8	M W F	136	E E B
71108	LECT-DISC	B 1	9	M W F	119	E B
71116	LECT-DISC	B 2	9	M W F	320	CER
71124	LECT-DISC	B 3	9	M W F	194	L H
71132	LECT-DISC	B 4	9	M W F	136	E E B
71141	LECT-DISC	B 5	9	M W F	113	D K H
71159	LECT-DISC	B 6	9	M W F	243	ARMORY
71167	LECT-DISC	B 7	9	M W F	E TV	P A R
71175	LECT-DISC	C 1	10	M W F	113	D K H
71183	LECT-DISC	C 2	10	M W F	320	CER
71191	LECT-DISC	C 3	10	M W F	108	E B
71205	LECT-DISC	C 4	10	M W F	136	E E B
71213	LECT-DISC	C 5	10	M W F	137	ARMORY
71221	LECT-DISC	C 6	10	M W F	243	ARMORY
71230	LECT-DISC	C 7	10	M W F	390	L H
71248	LECT-DISC	C 8	10	M W F	E TV	P A R
71256	LECT-DISC	D 1	11	M W F	328	ARMORY
71264	LECT-DISC	D 2	11	M W F	320	CER
71272	LECT-DISC	D 3	11	M W F	242	ARMORY
71281	LECT-DISC	D 4	11	M W F	136	E E B
71299	LECT-DISC	D 5	11	M W F	I	G H
71302	LECT-DISC	D 6	11	M W F	243	ARMORY
71311	LECT-DISC	D 7	11	M W F	113	D K H
71329	LECT-DISC	X 1	12	M W F	108	SURV BLDG
71337	LECT-DISC	X 2	12	M W F	320	CER
71345	LECT-DISC	X 3	12	M W F	242	ARMORY
71353	LECT-DISC	X 4	12	M W F	136	E E B
71361	LECT-DISC	X 5	12	M W F	9	C A
71370	LECT-DISC	X 6	12	M W F	243	ARMORY
71388	LECT-DISC	X 7	12	M W F	113	D K H
71396	LECT-DISC	E 1	1	M W F	9	C A
71400	LECT-DISC	E 2	1	M W F	320	CER
71418	LECT-DISC	E 3	1	M W F	242	ARMORY
71426	LECT-DISC	E 4	1	M W F	136	E E B

71434	LECT-DISC	E 5	1	M	W	F	333	ARMORY
71442	LECT-DISC	E 6	1	M	W	F	243	ARMORY
71451	LECT-DISC	E 7	1	M	W	F	113	D K H
71469	LECT-DISC	F 1	2	M	W	F	119	E B
71477	LECT-DISC	F 2	2	M	W	F	320	CER
71485	LECT-DISC	F 3	2	M	W	F	242	ARMORY
71493	LECT-DISC	F 4	2	M	W	F	136	E E B
71507	LECT-DISC	F 5	2	M	W	F	333	ARMORY
71515	LECT-DISC	F 6	2	M	W	F	243	ARMORY
71523	LECT-DISC	F 7	2	M	W	F	113	D K H
71531	LECT-DISC	G 1	3	M	W	F	282	BEV HALL
71540	LECT-DISC	G 2	3	M	W	F	320	CER
71558	LECT-DISC	G 3	3	M	W	F	242	ARMORY
71566	LECT-DISC	G 4	3	M	W	F	206	D K H
71574	LECT-DISC	G 5	3	M	W	F	328	ARMORY
71582	LECT-DISC	G 6	3	M	W	F	136	E E B
71591	LECT-DISC	G 7	3	M	W	F	147	ARMORY
71604	LECT-DISC	G 8	3	M	W	F	333	ARMORY
71612	LECT-DISC	H 1	4	M	W	F	282	BEV HALL
71621	LECT-DISC	H 2	4	M	W	F	320	CER
71639	LECT-DISC	H 3	4	M	W	F	241	ARMORY
71647	LECT-DISC	H 4	4	M	W	F	206	D K H
71655	LECT-DISC	H 5	4	M	W	F	205	E B
71663	LECT-DISC	H 6	4	M	W	F	209	E B
71671	LECT-DISC	H 7	4	M	W	F	328	ARMORY
71680	LECT-DISC	H 8	4	M	W	F	136	E E B
71698	LECT-DISC	H 9	4	M	W	F	147	ARMORY
71701	LECT-DISC	H10	4	M	W	F	333	ARMORY
71710	LECT-DISC	L 1	8-930	TU	TH		117	E B
71728	LECT-DISC	L 2	8-930	TU	TH		201	E B
71736	LECT-DISC	L 3	8-930	TU	TH		320	CER
71744	LECT-DISC	L 4	8-930	TU	TH		241	ARMORY
71752	LECT-DISC	L 5	8-930	TU	TH		206	D K H
71761	LECT-DISC	L 6	8-930	TU	TH		205	E B
71779	LECT-DISC	L 7	8-930	TU	TH		209	E B
71787	LECT-DISC	L 8	8-930	TU	TH		210B	E B
71795	LECT-DISC	L 9	8-930	TU	TH		242	ARMORY
71809	LECT-DISC	L10	8-930	TU	TH		136	E E B
71817	LECT-DISC	M 1	930-11	TU	TH		136	E E B
71825	LECT-DISC	M 2	930-11	TU	TH		113	D K H
71833	LECT-DISC	M 3	930-11	TU	TH		320	CER
71841	LECT-DISC	M 4	930-11	TU	TH		241	ARMORY
71850	LECT-DISC	M 5	930-11	TU	TH		206	D K H
71868	LECT-DISC	M 6	930-11	TU	TH		242	ARMORY
71876	LECT-DISC	M 7	930-11	TU	TH		312	D K H
71884	LECT-DISC	N 1	10-1130	TU	TH		282	BEV HALL
71892	LECT-DISC	N 2	10-1130	TU	TH		328	ARMORY
71906	LECT-DISC	N 3	10-1130	TU	TH		1	G H
71914	LECT-DISC	O 1	11-1230	TU	TH		117	E B
71922	LECT-DISC	O 2	11-1230	TU	TH		142	ADMIN
71931	LECT-DISC	O 3	11-1230	TU	TH		320	CER
71949	LECT-DISC	O 4	11-1230	TU	TH		241	ARMORY
71957	LECT-DISC	O 5	11-1230	TU	TH		206	D K H
71965	LECT-DISC	O 6	11-1230	TU	TH		205	E B
71973	LECT-DISC	O 7	11-1230	TU	TH		209	E B
71981	LECT-DISC	O 8	11-1230	TU	TH		223	E B
71990	LECT-DISC	O 9	11-1230	TU	TH		242	ARMORY
72006	LECT-DISC	O10	11-1230	TU	TH		136	E E B
72014	LECT-DISC	P 1	1130-1	TU	TH		282	BEV HALL
72022	LECT-DISC	P 2	1130-1	TU	TH		328	ARMORY
72031	LECT-DISC	P 3	1130-1	TU	TH		1	G H
72049	LECT-DISC	Q 1	1230-2	TU	TH		248	M E B
72057	LECT-DISC	Q 2	1230-2	TU	TH		142	ADMIN
72065	LECT-DISC	Q 3	1230-2	TU	TH		320	CER
72073	LECT-DISC	Q 4	1230-2	TU	TH		241	ARMORY
72081	LECT-DISC	Q 5	1230-2	TU	TH		206	D K H
72090	LECT-DISC	Q 6	1230-2	TU	TH		242	ARMORY
72103	LECT-DISC	Q 7	1230-2	TU	TH		136	E E B
72111	LECT-DISC	Q 8	1230-2	TU	TH		147	ARMORY
72120	LECT-DISC	Q 9	1230-2	TU	TH		333	ARMORY
72138	LECT-DISC	Q10	1230-2	TU	TH		196	L H
72146	LECT-DISC	U 1	2-330	TU	TH		113	D K H
72154	LECT-DISC	U 2	2-330	TU	TH		240	L H
72162	LECT-DISC	U 3	2-330	TU	TH		320	CER
72171	LECT-DISC	U 4	2-330	TU	TH		241	ARMORY
72189	LECT-DISC	U 5	2-330	TU	TH		209	E B
72197	LECT-DISC	U 6	2-330	TU	TH		242	ARMORY
72201	LECT-DISC	U 7	2-330	TU	TH		136	E E B
72219	LECT-DISC	U 8	2-330	TU	TH		147	ARMORY

RHET	102	CONTINUED				
72227	LECT-DISC	U 9	2-330	TU TH	123	D K H
72235	LECT-DISC	Z 1	330-5	TU TH	113	D K H
72243	LECT-DISC	Z 2	330-5	TU TH	206	D K H
72251	LECT-DISC	Z 3	330-5	TU TH	320	CER
72260	LECT-DISC	Z 4	330-5	TU TH	241	ARMORY
72278	LECT-DISC	Z 5	330-5	TU TH	209	E B
72286	LECT-DISC	Z 6	330-5	TU TH	242	ARMORY
72294	LECT-DISC	Z 7	330-5	TU TH	136	E E B
72308	LECT-DISC	Z 8	330-5	TU TH	147	ARMORY
72316	LECT-DISC	Z 9	330-5	TU TH	196	L H
72324	LECT-DISC	Z 10	330-5	TU TH	1	G H

RHET 108 FRESHMAN RHETORIC FOR SUPERIOR STUDENTS.
 PREREQUISITE: RHET. 101 OR EXEMPTION FROM RHET. 101, OR RHET. 107.
 *CREDIT IS NOT GIVEN FOR RHET. 108 IN ADDITION TO RHET. 102.
 *4 HOURS

72332	LECT-DISC	EA1	9	M W F	303	E B
72341	LECT-DISC	EA2	8	M W F	210A	E B
72359	LECT-DISC	EB1	9	M W F	312	N L
72367	LECT-DISC	EB2	9	M W F	108	SURV BLDG
72375	LECT-DISC	EC1	10	M W F	312	N L
72383	LECT-DISC	EC2	10	M W F	108	SURV BLDG
72391	LECT-DISC	ED1	11	M W F	108	SURV BLDG
72405	LECT-DISC	ED2	11	M W F	303	E B
72413	LECT-DISC	EX1	12	M W F	210A	E B
72421	LECT-DISC	EX2	12	M W F	303	E B
72430	LECT-DISC	EX3	12	M W F	312	N L
72448	LECT-DISC	EE1	1	M W F	241	ARMORY
72456	LECT-DISC	EE2	1	M W F	312	N L
72464	LECT-DISC	EE3	1	M W F	108	SURV BLDG
72472	LECT-DISC	EF1	2	M W F	105	H H
72481	LECT-DISC	EF2	2	M W F	312	N L
72499	LECT-DISC	EF3	2	M W F	108	SURV BLDG
72502	LECT-DISC	EG1	3	M W F	105	H H
72511	LECT-DISC	EG2	3	M W F	312	N L
72529	LECT-DISC	EG3	3	M W F	108	SURV BLDG
72537	LECT-DISC	EH1	4	M W F	105	H H
72545	LECT-DISC	EH2	4	M W F	312	N L
72553	LECT-DISC	EH3	4	M W F	259	E B
72561	LECT-DISC	EL1	8-930	TU TH	105	H H
72570	LECT-DISC	EL2	8-930	TU TH	109	N L
72588	LECT-DISC	EL3	8-930	TU TH	312	N L
72596	LECT-DISC	EL4	8-930	TU TH	108	SURV BLDG
72600	LECT-DISC	EM1	930-11	TU TH	105	H H
72618	LECT-DISC	EM2	930-11	TU TH	109	N L
72626	LECT-DISC	EM3	930-11	TU TH	117	E B
72634	LECT-DISC	EM4	930-11	TU TH	108	SURV BLDG
72642	LECT-DISC	EN1	10-1130	TU TH	259	E B
72651	LECT-DISC	EO1	11-1230	TU TH	105	H H
72669	LECT-DISC	EO2	11-1230	TU TH	109	N L
72677	LECT-DISC	EO3	11-1230	TU TH	312	N L
72685	LECT-DISC	EO4	11-1230	TU TH	108	SURV BLDG
72693	LECT-DISC	EP1	1130-1	TU TH	259	E B
72707	LECT-DISC	EQ1	1230-2	TU TH	105	H H
72715	LECT-DISC	EQ2	1230-2	TU TH	109	N L
72723	LECT-DISC	EQ3	1230-2	TU TH	312	N L
72731	LECT-DISC	EQ4	1230-2	TU TH	108	SURV BLDG
72740	LECT-DISC	ET1	3-430	TU TH	259	E B
72758	LECT-DISC	EU1	2-330	TU TH	105	H H
72766	LECT-DISC	EU2	2-330	TU TH	109	N L
72774	LECT-DISC	EU3	2-330	TU TH	206	D K H
72782	LECT-DISC	EU4	2-330	TU TH	108	SURV BLDG
72791	LECT-DISC	EZ1	330-5	TU TH	105	H H
72804	LECT-DISC	EZ2	330-5	TU TH	109	N L
72812	LECT-DISC	EZ3	330-5	TU TH	312	N L
72821	LECT-DISC	EZ4	330-5	TU TH	108	SURV BLDG

RHET 133 PRINCIPLES OF COMPOSITION.
 PREREQUISITE: RHET. 102 OR EQUIVALENT.
 *CREDIT IS NOT GIVEN FOR RHET. 133 IN ADDITION TO RHET. 143.
 *3 HOURS

72839	LECT-DISC	B	9	M W F	9	C A
72847	LECT-DISC	C	10	M W F	9	C A
72855	LECT-DISC	D	11	M W F	109	N L
72863	LECT-DISC	X	12	M W F	340	L H
72871	LECT-DISC	E	1	M W F	194	L H
72880	LECT-DISC	F	2	M W F	194	L H

RHET 143 INTERMEDIATE EXPOSITORY WRITING.
 PREREQUISITE: A GRADE OF A OR B IN RHET. 102 OR EQUIVALENT OR
 CONSENT OF INSTRUCTOR.
 *CREDIT IS NOT GIVEN FOR RHET. 143 IN ADDITION TO RHET. 133.
 *3 HOURS

72898	LECT-DISC	A	8	M W F	109	N L
72901	LECT-DISC	B	9	M W F	206	D K H
72910	LECT-DISC	C	10	M W F	206	D K H
72928	LECT-DISC	D	11	M W F	9	C A
72936	LECT-DISC	K	9	TU TH	121	E B
		K	8	TU	121	E B

RHET 144 NARRATIVE WRITING.
 PREREQUISITE: RHET. 102 OR EQUIVALENT, SOPHOMORE STANDING.
 3 HOURS

72944	LECT-DISC	B	9	M W F	121	E B
72952	LECT-DISC	D	11	M W F	194	L H
72961	LECT-DISC	X	12	M W F	194	L H
72979	LECT-DISC	P1	1	TU TH	121	E B
		P1	2	TU	121	E B
72987	LECT-DISC	P2	1	TU TH	194	L H
		P2	2	TU	194	L H
72995	LECT-DISC	R1	3	TU TH	108	E B
		R1	4	TU	108	E B
73001	LECT-DISC	R2	3	TU TH	194	L H
		R2	4	TU	194	L H

RHET 145 POETRY WRITING.
 PREREQUISITE: RHET. 102 OR CONSENT OF INSTRUCTOR.
 3 HOURS

73010	LECT-DISC	P1	1	TU TH	119	E B	LIEBERMAN
		P1	2	TU	119	E B	LIEBERMAN
73028	LECT-DISC	N1	11	TU TH	240	L H	VANWALLEGH
		N1	10	TU	240	L H	VANWALLEGH

RHET 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS

73036	CONF		ARR			STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

RHET 202 COMMUNICATIONS WORKSHOP.
 3 HOURS

73044	LECT-DISC	C	10	M W F	194	L H	DAVIS
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RHET 205 ADVANCED NARRATIVE WRITING, I.
 PREREQUISITE: RHET. 144 OR EQUIVALENT.
 3 HOURS

73052	LECT-DISC	E	1	M W	121	E B	CURLEY
		E	2	M	121	E B	CURLEY
73061	LECT-DISC	G	3	W	121	E B	CURLEY
		G	4	M W	121	E B	CURLEY
73079	LECT-DISC	V	7-830PM	TU TH	121	E B	COSTELLO

RHET 206 ADVANCED NARRATIVE WRITING, II.
 PREREQUISITE: RHET. 205.
 3 HOURS

73087	LECT-DISC	N	11	TU TH	119	E B	SCOUFFAS
		N	10	TH	119	E B	SCOUFFAS

RHET 227 ADVANCED EXPOSITORY WRITING.
 PREREQUISITE: RHET. 133 OR 143, OR CONSENT OF INSTRUCTOR.
 3 HOURS

73095	LECT-DISC	D	11	TU TH	140	ADMIN	TILLMAN
		D	10	TH	140	ADMIN	TILLMAN

RHET 255 CREATIVE WRITING.
 PREREQUISITE: A PREPARATORY COURSE IN ADVANCED WRITING (RHET. 205, 206, 227, 330; OR SPCH. 263, 363) AND WRITTEN CONSENT OF THE INSTRUCTOR WITH WHOM THE STUDENT WILL BE WORKING OR OF THE DIRECTOR OF ADVANCED RHETORIC IF THE INSTRUCTOR IS NOT AVAILABLE.
 *THIS COURSE MAY BE REPEATED FOR CREDIT TO A MAXIMUM OF 4 HOURS, BUT THE 4 HOURS MAY NOT BE TAKEN CONCURRENTLY WITH ANOTHER COURSE IN THE SAME KIND OF WRITING.
 *2 HOURS
 STUDENTS MUST SEE THE INSTRUCTOR DURING THE FIRST WEEK OF CLASSES TO ARRANGE A CONFERENCE SCHEDULE.
 INSTRUCTORS: COSTELLO, CURLEY, FRIEDMAN, FUMENTO, LIEBERMAN, MARDER, SCOUFFAS, TIBBETTS, TILLMAN, VAN WALLEGHEN.

73109	LECT-DISC	C	10	M	W	F	121	E	B	FUMENTO
73117	CONF		ARR							STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 330 THE WRITING OF POETRY.
 PREREQUISITE: RHET. 145, JUNIOR STANDING, AND SIX HOURS OF ENGLISH LITERATURE, OR CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE SIX HOURS.
 *3 HOURS OR 3/4 UNIT

73125	LECT-DISC	S	4-53C	TU	TH		121	E	B	LIEBERMAN
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RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.
 SAME AS LING. 388.
 PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT

73133	LECT-DISC	C	10	M	W	F	210A	E	B	
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RHET 389 LINGUISTICS IN LANGUAGE LEARNING, II.
 SAME AS LING. 389.
 PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
 4 HOURS OR 3/4 UNIT

73141	LECT-DISC	F	2	M	W	F	9	C	A	
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COURSES FOR GRADUATES

RHET 419 CONTRASTIVE ANALYSIS.
 SAME AS LING. 419.
 PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT

73150	LECT-DISC	C	10	M	W	F	252	E	E	B	KACHRU
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ENGLISH AS A SECOND LANGUAGE

DEPARTMENT OFFICE

317 E 8

NOTE: NO STUDENT, WITH THE EXCEPTION OF THOSE WHO RECEIVED A SCORE OF 90 OR ABOVE ON THE OVERSEAS TEST, IS PERMITTED TO REGISTER FOR ANY COURSE IN REMEDIAL RHETORIC (109, 110, AND 111) OR SERVICE RHETORIC (114, 115, 400, AND 401) IN ENGLISH AS A SECOND LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A SECOND LANGUAGE. AUDITORS ARE NOT PERMITTED. RHETORIC 114 AND 115 FULFILL GRADUATION REQUIREMENTS IN RHETORIC. STUDENTS MAY BE REQUIRED TO TAKE REMEDIAL COURSES BEFORE THEY ARE PERMITTED TO TAKE RHET. 114. ADVISERS SHOULD CONSULT THE UNDERGRADUATE STUDY BULLETIN UNDER THE SECTION ENTITLED "GENERAL REQUIREMENTS FOR GRADUATION (ENGLISH)" FOR THE DEFINITION OF A FOREIGN STUDENT.

COURSES FOR UNDERGRADUATES

RHET 109 ENGLISH AS A SECOND LANGUAGE.

PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST.

0 CREDIT

73168	LECT-DISC	B	9-11	M W F	303	E B
73176	LECT-DISC	M	9-11	TU TH S	147	ARMORY

RHET 110 ENGLISH AS A SECOND LANGUAGE.

PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

0 CREDIT

*SECTION ARR IS A SPECIAL SECTION IN ADVANCED COMMUNICATION.

73184	LECT-DISC	A	8	M W F	119	E B
73192	LECT-DISC	C	10	M W F	241	ARMORY
73206	LECT-DISC	D	11	M W F	241	ARMORY
73214	LECT-DISC	F	2	M W F	238	M E B
73222	LECT-DISC	L	8	TU TH S	108	E B
73231	LECT-DISC	*ARR	ARR			

RHET 111 ENGLISH AS A SECOND LANGUAGE.

PREREQUISITE: RHET. 109, RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

0 CREDIT

73249	LECT-DISC	A	8-10	M W F	241	ARMORY
73257	LECT-DISC	B	9-11	M W F	242	ARMORY
73265	LECT-DISC	C	10-12	M W F	156	M E B
73273	LECT-DISC	E	1-3	M W F	109	N L
73281	LECT-DISC	G	3-5	M W F	109	N L
73290	LECT-DISC	M	9-11	TU TH S	108	E B

RHET 114 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.

PREREQUISITE: RHET. 111, RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.

*0 OR 3 HOURS

73303	LECT-DISC	C	10	M W F	240	L H
73311	LECT-DISC	E	1	M W F	64	M E B

RHET 115 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.

PREREQUISITE: RHET. 114 AND/OR RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.

*0 OR 3 HOURS

73320	LECT-DISC	D	11	M W F	64	M E B
73338	LECT-DISC	F	2	M W F	64	M E B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- RHET 379 AMERICAN LANGUAGE AND LITERATURE.
THIS COURSE IS OPEN TO ANY FOREIGN STUDENT WHO HAS COMPLETED
RHET. 109, 110, AND 111 OR WHO WAS NOT REQUIRED TO TAKE THOSE
COURSES.
0 CREDIT
73346 LECT-DISC H 4 M W F 252 ADMIN
- RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.
SAME AS LING. 388.
PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT
OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT
73354 LECT-DISC C 10 M W F 210A E B
- RHET 389 LINGUISTICS IN LANGUAGE LEARNING, II.
SAME AS LING. 389.
PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT
73362 LECT-DISC F 2 M W F 9 C A

COURSES FOR GRADUATES

- RHET 400 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR
GRADUATE FOREIGN STUDENTS, I.
PREREQUISITE: GRADUATE STANDING AND RHET. 111, OR CONSENT OF
INSTRUCTOR.
0 TO 4 HOURS (NO GRADUATE CREDIT)
73371 LECT-DISC ARR
- RHET 401 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR
GRADUATE FOREIGN STUDENTS, II.
PREREQUISITE: GRADUATE STANDING AND RHET. 400, OR CONSENT OF
INSTRUCTOR.
0 TO 4 HOURS (NO GRADUATE CREDIT)
73389 LECT-DISC ARR
- RHET 419 CONTRASTIVE ANALYSIS.
SAME AS LING. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT
73397 LECT-DISC C 10 M W F 252 E E B

BUSINESS AND TECHNICAL WRITING

DEPARTMENT OFFICE

313 D K H

COURSES FOR UNDERGRADUATES

RHET 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

TOPIC: COMMUNICATIONS & ORGANIZATIONAL BEHAVIOR.

73401 CONF Y 7-9PM TH 317A D K H

WEEKS

COURSES FOR ADVANCED UNDERGRADUATES

RHET 251 BUSINESS WRITING.

PREREQUISITE: RHET. 101 AND 102, OR EQUIVALENT.

3 HOURS

STUDENTS SHOULD ENROLL IN ONE LECTURE AND ONE DISCUSSION.

73419	LECT	1	9	TH	101	ARMORY	WEEKS
73427	LECT	2	10	TU	120	ARCH	WEEKS
73435	LECT	3	12	M	101	ARMORY	WEEKS
73443	DISC	A	#	M W	326	D K H	HOLT
73451	DISC	B1	9	M W	326	D K H	HOLT
73460	DISC	B2	9	W F	306	D K H	HARRIS
73478	DISC	C	10	M W	306	D K H	STEELE
73486	DISC	D1	11	W F	326	D K H	DOUGLAS
73494	DISC	D2	11	W F	306	D K H	STEELE
73508	DISC	X1	12	W F	326	D K H	DOUGLAS
73516	DISC	E2	1	M F	306	D K H	KNECHT
73524	DISC	F1	2	M W	306	D K H	KNECHT
73532	DISC	F2	2	M W	326	D K H	BOWMAN
73541	DISC	L	8	TU TH	326	D K H	HARRIS
73559	DISC	M	9	TU TH	306	D K H	HARRIS
73567	DISC	P	11	TU TH	306	D K H	STEELE
73575	DISC	Q	12	TU TH	326	D K H	BOWMAN
73583	DISC	S	2	TU TH	326	D K H	WEEKS

RHET 271 SALES WRITING.

SAME AS ADV. 288.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

73591	LECT-DISC	C	10	M W	326	D K H	MAGUIRE
73605	LECT-DISC	M	9	TU TH	326	D K H	MAGUIRE
73613	LECT-DISC	N	10	TU TH	184	L H	CHAPDU
73621	LECT-DISC	P	11	TU TH	326	D K H	MAGUIRE
73630	LECT-DISC	P2	11	TU TH	312	D K H	CHAPDU

RHET 272 REPORT WRITING.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

*AFTER THE FIRST MONTH, THE COURSE WILL BE TAUGHT BY CONFERENCE WITH INDIVIDUAL STUDENTS.

73648	CONF	G	*3	M W	326	D K H	TIBBETTS
73656	CONF	L	*8	TU TH	306	D K H	TIBBETTS

RURAL SOCIOLOGY
DEPARTMENT OF AGRICULTURAL ECONOMICS.

COURSES FOR UNDERGRADUATES

R SOC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TU 9 HOURS
73664 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

R SOC 277 RURAL SOCIAL CHANGE.
SAME AS SOC. 277.
PREREQUISITE: SOC. 100 OR R. SOC. 117.
FIELD TRIP, ESTIMATED EXPENSE, \$5.
3 HOURS
73672 LECT-DISC D 11 M W F 316N M H SOFRANKO

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

R SOC 343 SOCIAL CHANGE IN DEVELOPING AREAS.
SAME AS SOC. 343.
PREREQUISITE: SOC.100 OR 151 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT
73681 LECT-DISC 1030-12 TU TH 156 ADMIN

COURSES FOR GRADUATES

R SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
SAME AS SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY,
CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT
73699 CONF ARR STAFF

RUSSIAN

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

MAJOR: TWENTY-FOUR HOURS OF COURSE WORK BEYOND RUSSIAN 115,
AT LEAST NINE HOURS OF WHICH MUST BE IN COURSES AT THE 300-LEVEL.
MAJORS ARE REQUIRED TO TAKE A MINIMUM OF THREE LITERATURE COURSES
WHICH ARE TAUGHT IN RUSSIAN AND ONE SURVEY COURSE TAUGHT IN
ENGLISH.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOW-
ING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE
CHOSEN: ARABIC, EDUCATION, CHINESE, ENGLISH (EXCLUDING RHETORIC
101-102), FRENCH, GERMAN, GREEK, HINDI, HISTORY, ITALIAN,
JAPANESE, LATIN, LIBRARY SCIENCE, LINGUISTICS, PHILOSOPHY,
POLITICAL SCIENCE, PORTUGUESE, SPANISH, OR ANY MINOR SLAVIC
LANGUAGE. THE FIRST SEMESTER OF COURSE WORK IN ANY FOREIGN
LANGUAGE MAY NOT BE COUNTED TOWARD A MINOR IN THAT SUBJECT. THE
CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES COMPRISING COURSES
OUTSIDE THE SLAVIC DEPARTMENT MAY BE ACCEPTED AS A SOLE MINOR.

COURSES FOR UNDERGRADUATES

RUSS 101 FIRST-YEAR RUSSIAN, I.

FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.

*NO CREDIT TOWARD GRADUATION IS GIVEN FOR RUSS. 101 WITHOUT RUSS. 102.

*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T28.

73702	LECT-DISC	A	H	MTUWTH	9	G H	STAFF
73711	LECT-DISC	C	10	MTUWTH	305	G H	STAFF
73729	LECT-DISC	E	1	MTUWTH	305	G H	STAFF
73737	LAB	T 3	8-830	TU TH	202	L H	
73745	LAB	T 4	830-9	TU TH	202	L H	
73753	LAB	T 5	9-930	TU TH	202	L H	
73761	LAB	T 6	930-10	TU TH	202	L H	
73770	LAB	T 7	10-1030	TU TH	202	L H	
73788	LAB	T 8	1030-11	TU TH	202	L H	
73796	LAB	T 9	11-1130	TU TH	202	L H	
73800	LAB	T10	1130-12	TU TH	202	L H	
73818	LAB	T11	12-1230	TU TH	202	L H	
73826	LAB	T12	1230-1	TU TH	202	L H	
73834	LAB	T13	1-130	TU TH	202	L H	
73842	LAB	T14	130-2	TU TH	202	L H	
73851	LAB	T15	2-230	TU TH	202	L H	
73869	LAB	T16	230-3	TU TH	202	L H	
73877	LAB	T17	3-330	TU TH	202	L H	
73885	LAB	T18	330-4	TU TH	202	L H	
73893	LAB	T19	4-430	TU TH	202	L H	
73907	LAB	T20	430-5	TU TH	202	L H	
73915	LAB	T21	5-530	TU TH	202	L H	
73923	LAB	T22	530-6	TU TH	202	L H	
73931	LAB	T25	7-730PM	TU TH	202	L H	
73940	LAB	T26	730-8PM	TU TH	202	L H	
73958	LAB	T27	8-830PM	TU TH	202	L H	
73966	LAB	T28	830-9PM	TU TH	202	L H	

RUSS 102 FIRST-YEAR RUSSIAN, II.

PREREQUISITE: RUSS. 101.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORATORY SECTIONS, T3-T28 EXCEPT SECTION X IN WHICH LANGUAGE

LABORATORY IS OPTIONAL. SECTION X IS AN HONORS SECTION.

73974	LECT-DISC	A	8	MTUWTH	120	COM W	STAFF
73982	LECT-DISC	B	9	MTUWTH	120	COM W	STAFF
73991	LECT-DISC	C	10	MTUWTH	120	COM W	STAFF
74007	LECT-DISC	D	11	MTUWTH	120	COM W	STAFF
74079	LECT-DISC	*EX	12	MTUWTHF	120	COM W	STAFF
74015	LECT-DISC	E	1	MTUWTH	120	COM W	STAFF
74023	LECT-DISC	F	2	MTUWTH	120	COM W	STAFF
74031	LAB	T 3	8-830	TU TH	202	L H	
74040	LAB	T 4	830-9	TU TH	202	L H	
74058	LAB	T 5	9-930	TU TH	202	L H	
74066	LAB	T 6	930-10	TU TH	202	L H	
74074	LAB	T 7	10-1030	TU TH	202	L H	
74082	LAB	T 8	1030-11	TU TH	202	L H	
74091	LAB	T 9	11-1130	TU TH	202	L H	
74104	LAB	T10	1130-12	TU TH	202	L H	
74112	LAB	T11	12-1230	TU TH	202	L H	
74121	LAB	T12	1230-1	TU TH	202	L H	
74139	LAB	T13	1-130	TU TH	202	L H	
74147	LAB	T14	130-2	TU TH	202	L H	
74155	LAB	T15	2-230	TU TH	202	L H	
74163	LAB	T16	230-3	TU TH	202	L H	
74171	LAB	T17	3-330	TU TH	202	L H	
74180	LAB	T18	330-4	TU TH	202	L H	
74198	LAB	T19	4-430	TU TH	202	L H	
74201	LAB	T20	430-5	TU TH	202	L H	
74210	LAB	T21	5-530	TU TH	202	L H	
74228	LAB	T22	530-6	TU TH	202	L H	
74236	LAB	T25	7-730PM	TU TH	202	L H	
74244	LAB	T26	730-8PM	TU TH	202	L H	
74252	LAB	T27	8-830PM	TU TH	202	L H	
74261	LAB	T28	830-9PM	TU TH	202	L H	

RUSS 103 SECOND-YEAR RUSSIAN, I.
 PREREQUISITE: RUSS. 102 OR EQUIVALENT.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS, T3-T28.

74287	LECT-DISC	B	9	MTUWTH	305	G H	STAFF
74295	LECT-DISC	E	1	MTUWTH	392	L H	STAFF
74309	LAB	T 3	8-830	TU TH	202	L H	
74317	LAB	T 4	830-9	TU TH	202	L H	
74325	LAB	T 5	9-930	TU TH	202	L H	
74333	LAB	T 6	930-10	TU TH	202	L H	
74341	LAB	T 7	10-1030	TU TH	202	L H	
74350	LAB	T 8	1030-11	TU TH	202	L H	
74368	LAB	T 9	11-1130	TU TH	202	L H	
74376	LAB	T10	1130-12	TU TH	202	L H	
74384	LAB	T11	12-1230	TU TH	202	L H	
74392	LAB	T12	1230-1	TU TH	202	L H	
74406	LAB	T13	1-130	TU TH	202	L H	
74414	LAB	T14	130-2	TU TH	202	L H	
74422	LAB	T15	2-230	TU TH	202	L H	
74431	LAB	T16	230-3	TU TH	202	L H	
74449	LAB	T17	3-330	TU TH	202	L H	
74457	LAB	T18	330-4	TU TH	202	L H	
74465	LAB	T19	4-430	TU TH	202	L H	
74473	LAB	T20	430-5	TU TH	202	L H	
74481	LAB	T21	5-530	TU TH	202	L H	
74490	LAB	T22	530-6	TU TH	202	L H	
74503	LAB	T25	7-730PM	TU TH	202	L H	
74511	LAB	T26	730-8PM	TU TH	202	L H	
74520	LAB	T27	8-830PM	TU TH	202	L H	
74538	LAB	T28	830-9PM	TU TH	202	L H	

RUSS 104 SECOND-YEAR RUSSIAN, II.
 PREREQUISITE: RUSS. 103.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
 LABORATORY SECTIONS, T3-T28.

74546	LECT-DISC	A	8	MTUWTH	204	N L	STAFF
74554	LECT-DISC	C	10	MTUWTH	204	N L	STAFF
74562	LECT-DISC	D	11	MTUWTH	392	L H	STAFF
74571	LECT-DISC	E	1	MTUWTH	151	ARMORY	STAFF
74589	LECT-DISC	F	2	MTUWTH	392	L H	STAFF
74597	LAB	T 3	8-830	TU TH	202	L H	
74601	LAB	T 4	830-9	TU TH	202	L H	
74619	LAB	T 5	9-930	TU TH	202	L H	
74627	LAB	T 6	930-10	TU TH	202	L H	
74635	LAB	T 7	10-1030	TU TH	202	L H	
74643	LAB	T 8	1030-11	TU TH	202	L H	
74651	LAB	T 9	11-1130	TU TH	202	L H	
74660	LAB	T10	1130-12	TU TH	202	L H	
74678	LAB	T11	12-1230	TU TH	202	L H	
74686	LAB	T12	1230-1	TU TH	202	L H	
74694	LAB	T13	1-130	TU TH	202	L H	
74708	LAB	T14	130-2	TU TH	202	L H	
74716	LAB	T15	2-230	TU TH	202	L H	
74724	LAB	T16	230-3	TU TH	202	L H	
74732	LAB	T17	3-330	TU TH	202	L H	
74741	LAB	T18	330-4	TU TH	202	L H	
74759	LAB	T19	4-430	TU TH	202	L H	
74767	LAB	T20	430-5	TU TH	202	L H	
74775	LAB	T21	5-530	TU TH	202	L H	
74783	LAB	T22	530-6	TU TH	202	L H	
74791	LAB	T25	7-730PM	TU TH	202	L H	
74805	LAB	T26	730-8PM	TU TH	202	L H	
74813	LAB	T27	8-830PM	TU TH	202	L H	
74821	LAB	T28	830-9PM	TU TH	202	L H	

RUSS 112 INTENSIVE SECOND-YEAR RUSSIAN.
 PREREQUISITE: RUSS. 111 OR 102.
 8 HOURS
 ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR TWO HOURS
 OF WORK WEEKLY IN THE LANGUAGE LABORATORY.

74830	LECT-DISC	BE	9	MTUWTH	204	N L	STAFF
		BE	1	MTUWTH	204	N L	STAFF

RUSS 116 RUSSIAN LITERATURE IN TRANSLATION, II.
 3 HOURS

74848	LECT-DISC	E	1	M W F	106	L H	BROSTROM
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RUSS	121	BEGINNING READING COURSE, I. NO PRIOR KNOWLEDGE OF RUSSIAN REQUIRED. 4 HOURS							
	74856	LECT-DISC J	5	MTUWTH	266	E R L		STAFF	
RUSS	122	BEGINNING READING COURSE, II. PREREQUISITE: RUSS. 121. 4 HOURS							
	74864	LECT-DISC H	4	MTUWTH	9	G H		STAFF	
RUSS	123	BEGINNING READING COURSE, III. PREREQUISITE: RUSS. 122. 4 HOURS							
	74872	LECT-DISC G	3	MTUWTH	9	G H		STAFF	
RUSS	199	UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *0 TO 9 HOURS SECTION A TOPIC: RUSSIAN LITERATURE, 3 HOURS. SECTION B TOPIC: RUSSIAN LANGUAGE, 3 HOURS.							
	74881	CONF A	ARR						
	74899	CONF B	ARR						

COURSES FOR ADVANCED UNDERGRADUATES

RUSS	211	ORAL RUSSIAN, I. PREREQUISITE: RUSS. 103 AND 104 OR CONSENT OF INSTRUCTOR. 2 HOURS							
	74902	LECT-DISC E	1	TU TH	9	G H		M. ZALUCKY	
RUSS	212	ORAL RUSSIAN, II. PREREQUISITE: RUSS. 211 OR CONSENT OF INSTRUCTOR. 2 HOURS							
	74911	LECT-DISC B	9	M W	261	L H		M. ZALUCKY	
	74929	LECT-DISC F	2	TU TH	9	G H		M. ZALUCKY	
RUSS	213	RUSSIAN COMPOSITION, I. PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR. 2 HOURS							
	74937	LECT-DISC F	2	M W	300	N L		M ZALUCKY	
RUSS	214	RUSSIAN COMPOSITION, II. PREREQUISITE: RUSS. 213 OR CONSENT OF INSTRUCTOR. 2 HOURS							
	74945	LECT-DISC X	12	TU TH	43	G H		H. ZALUCKY	
RUSS	215	INTRODUCTION TO RUSSIAN LITERATURE, I. PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR. 3 HOURS							
	74953	LECT-DISC C	10	M W F	9	G H		E. COHEN	
RUSS	216	INTRODUCTION TO RUSSIAN LITERATURE, II. PREREQUISITE: RUSS. 215 OR CONSENT OF INSTRUCTOR. 3 HOURS							
	74961	LECT-DISC C	10	M W F	216	L H		BROSTROM	
	74970	LECT-DISC D	11	M W F	305	G H		AWSIENKO	
RUSS	292	SENIOR THESIS AND HONORS. 2 HOURS							
	74989	CONF	ARR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RUSS	301	RUSSIAN PROSE FICTION, I. PREREQUISITE: RUSS. 216 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT						
	74996	LECT-DISC E	1	M W F	9	G H		G. MILLAR

RUSS	304	ADVANCED READING AND CONVERSATION, II. PREREQUISITE: RUSS. 303 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT	75002	LECT-DISC	B	9	TU TH	9 G H	M. ZALUCKY
RUSS	308	RUSSIAN PHONETICS AND PRONUNCIATION. PREREQUISITE: RUSS. 212, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	75011	LECT-DISC	C	10	M W F	261 L H	K. KLEIN
RUSS	314	ADVANCED COMPOSITION AND USAGE, II. PREREQUISITE: RUSS. 313 OR CONSENT OF DEPARTMENT. 3 HOURS OR 3/4 UNIT	75029	LECT-DISC	B	9	M W F	9 G H	H. ZALUCKY
RUSS	315	NINETEENTH CENTURY LITERATURE IN TRANSLATION. SAME AS HUMAN. 315. NO KNOWLEDGE OF RUSSIAN REQUIRED. 3 HOURS OR 1 UNIT	75037	LECT-DISC	G	3-415	M W	392 L H	E. BRISTOL
RUSS	322	DOSTOEVSKY AND TOLSTOY. PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	75045	LECT-DISC	CD	920-1035	TU TH	261 L H	T. PACHMUSS
RUSS	324	RUSSIAN LITERATURE FROM 1880 TO 1917. PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	75053	LECT-DISC	D	11	M W F	261 L H	M. CURRAN
RUSS	325	SOVIET RUSSIAN LITERATURE. PREREQUISITE: RUSS. 215, 216, 217 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	75061	LECT-DISC	F	2	M W F	9 G H	G. MILLAR
RUSS	333	THE RUSSIAN SHORT NOVEL. PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT	75070	LECT-DISC	C	10	TU TH	216 L H	M. CURRAN

COURSES FOR GRADUATES

RUSS	400	BEGINNING RUSSIAN FOR GRADUATE STUDENTS. 4 HOURS	75088	LECT-DISC	J	5	MTUWTH	266 E R L	STAFF
RUSS	401	READINGS IN RUSSIAN FOR GRADUATE STUDENTS. PREREQUISITE: RUSS. 400 OR EQUIVALENT. 4 HOURS	75096	LECT-DISC	H	4	MTUWTH	120 COM W	STAFF
RUSS	406	RUSSIAN MORPHOLOGY. 1 UNIT	75100	LECT-DISC	D	11	M W F	9 G H	F. GLADNEY
RUSS	408	RUSSIAN PHONOLOGY. SAME AS LING. 408. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	75118	LECT-DISC	BC	920-1035	TU TH	392 L H	M. KENSTOWICZ
RUSS	412	LITERATURE OF THE EIGHTEENTH CENTURY. 1 UNIT	75126	LECT-DISC	F	2	M W F	261 L H	M. CURRAN
RUSS	417	HISTORY OF THE RUSSIAN LANGUAGE. PREREQUISITE: RUSS. 405. 1 UNIT	75134	LECT-DISC		9	M W F	162 L H	HILL

RUSS 419 TOLSTOY.
 PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.
 1 UNIT
 75142 LECT-DISC BC 1040-1155 TU TH 261 L H T. PACHMUSS

RUSS 423 SEMINAR IN RUSSIAN POETRY.
 PREREQUISITE: RUSS. 337 OR CONSENT OF DEPARTMENT.
 * MAY BE REPEATED NOT TO EXCEED 3 UNITS OF CREDIT.
 *1 UNIT
 75151 LECT-DISC E 1-215 TU TH 261 L H E. BRISTOL

RUSS 425 SEMINAR IN RUSSIAN DRAMA.
 PREREQUISITE: RUSS. 335 OR CONSENT OF DEPARTMENT.
 1 UNIT
 75169 LECT-DISC GH 3-415 M W 261 L H L. IRIBARNE

RUSSIAN AND EAST EUROPEAN CENTER

DEPARTMENT OFFICE

1207 W OREGON

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

MAJOR: STUDENTS WHO ELECT RUSSIAN LANGUAGE AND AREA STUDIES AS A MAJOR MUST:
 1-COMplete THE PRESCRIBED AND GENERAL EDUCATION SEQUENCES REQUIRED IN THE SCIENCES AND LETTERS CURRICULUM.
 2-COMplete AT LEAST TWENTY SEMESTER HOURS OF RUSSIAN LANGUAGE COURSES, IN ADDITION TO RUSS. 101-102, OR DEMONSTRATE EQUIVALENT PROFICIENCY.

3-COMplete A MAJOR CONSISTING OF AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST FOUR DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE PROGRAM OF RUSSIAN LANGUAGE AND AREA STUDIES MAY NOT COUNT AS PART OF THIS TWENTY HOURS.

ANTH. 381, 382	POL. S. 335, 383
ECON. 357	RUSS. 115, 116, 199, 217, 317,
GEOG. 353	321, 322, 323, 324, 325,
HIST. 219, 320, 321, 325,	332, 333, 335
326, 327, 328	SOC. 350
	UKR. 396, 398

4-COMplete A MINOR OF TWENTY HOURS, EXCLUDING COURSES OPEN TO FRESHMEN, IN ONE OR TWO DEPARTMENTS. IF TWO ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH. COURSES IN THE RUSSIAN LANGUAGE MAY, WITH THE APPROVAL OF THE CENTER DIRECTOR, CONSTITUTE ALL OR PART OF THIS MINOR.

RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR: A MINOR IN RUSSIAN LANGUAGE AND AREA STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. IT ALSO REQUIRES A KNOWLEDGE OF RUSSIAN EQUIVALENT AT LEAST TO THAT NORMALLY ATTAINED AFTER RUSS. 101-102.

ANTH. 381, 382	POL. S. 335, 383
ECON. 357	115, 116, 199, 217, 317,
GEOG. 353	321, 322, 323, 324, 325,
HIST. 219, 320, 321, 325,	332, 333, 335,
326, 327, 328	SOC. 350
	UKR. 396, 398

GRADUATE MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES

MINOR FOR THE MASTERS DEGREE: A CANDIDATE FOR THE MASTERS DEGREE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN BELOW. THE COURSES CHOSEN MUST BE IN AT LEAST TWO DEPARTMENTS.

ANTH.	381, 382	RUSS	317, 321, 322, 323,
ECON.	357, 457		324, 325, 332, 333,
GEOG.	353, 495		335, 406, 407, 408,
HIST.	320, 321, 325, 326,		410, 412, 414, 416,
	327, 328, 427		417, 421, 423, 424
LAW	369, 371	SLAV.	405
LIB. S.	433	SOC.	350, 450
POL. S.	335, 383, 435, 440	UKR.	396, 398

MINOR FOR THE PH.D. DEGREE: A DOCTORAL CANDIDATE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST DEMONSTRATE A READING COMMAND OF RUSSIAN AS TESTED BY EXAMINATION OR BY COMPLETION OF RUSSIAN 104 OR 401 WITH A GRADE OF A OR B, AND IN ADDITION MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN JUST ABOVE. THE FOUR UNITS MUST BE DISTRIBUTED AMONG AT LEAST TWO DEPARTMENTS OUTSIDE OF, AND MAY AT THE SAME TIME INCLUDE UP TO ONE UNIT FROM WITHIN, THE DEPARTMENT OFFERING THE CANDIDATE'S MAJOR.

CERTIFICATE OF GRADUATE SPECIALIZATION IN RUSSIAN LANGUAGE AND AREA STUDIES

THIS CERTIFICATE IS AWARDED BY THE GRADUATE COLLEGE AND THE RUSSIAN AND EAST EUROPEAN CENTER. IT IS FOR PERSONS WITH THE BACCALAUREATE WHO ARE ENROLLED IN ADVANCED STUDIES IN ANY DISCIPLINE AND WHO WISH AT THE SAME TIME TO GAIN A KNOWLEDGE OF THE RUSSIAN AREA AND LANGUAGE. THE REQUIREMENTS ARE: (1) A GOOD COMMAND OF WRITTEN AND SPOKEN RUSSIAN, AS DETERMINED BY SPECIAL EXAMINATIONS. (2) AT LEAST SIX GRADUATE UNITS RELATING TO RUSSIA, DISTRIBUTED AMONG AT LEAST THREE OF THE DEPARTMENTS REPRESENTED IN THE PROGRAM (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, LAW, LIBRARY SCIENCE, POLITICAL SCIENCE, RUSSIAN AND SOCIOLOGY) IN ADDITION TO THE STUDENT'S OWN MAJOR DEPARTMENT. FOR COURSES, SEE ABOVE. IF THE STUDENTS MAJOR DEPARTMENT IS ONE OF THESE NINE HE MAY COUNT, AS PART OF HIS SIX UNITS, UP TO ONE UNIT FROM WITHIN HIS MAJOR DEPARTMENT. (3) A SPECIAL ESSAY BASED LARGELY ON RUSSIAN SOURCES AND TO BE, AT THE MINIMUM, OF THE STANDARD NORMALLY REQUIRED IN A MASTERS THESIS. THE STUDENT MAY SUBMIT, IN FULFILLMENT OF THIS REQUIREMENT, A COPY OF HIS MASTERS THESIS OR DOCTORAL DISSERTATION.

STUDENTS IN OTHER COLLEGES

STUDENTS IN OTHER COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO DESIRE A KNOWLEDGE OF THE RUSSIAN AREA ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR OF THE RUSSIAN AND EAST EUROPEAN CENTER IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH PROGRAMS MAY IN SOME CASES BE ADOPTED AS A SPECIAL MINOR.

BELOW ARE LISTED COURSES APPROVED FOR THE RUSSIAN LANGUAGE AND AREA STUDIES PROGRAMS. FOR FULL COURSE DESCRIPTIONS OF THOSE BEING OFFERED THIS SEMESTER, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTH	381, 382	RUSS	115, 116, 199, 217,
ECON	357, 457		317, 321, 322, 323,
GEOG	353, 381, 382, 495,		324, 325, 332, 333,
HIST	219, 320, 321, 325,		335, 406, 407, 408,
	326, 327, 328, 427		410, 412, 414, 416,
LAW	369, 371		417, 421, 423, 424
LIB S	433	SLAV	405
POL S	335, 383, 435, 440	SOC	350, 450
		UKR	396, 398

SAFETY EDUCATION

DEPARTMENT OFFICE

114 HUFF GYM

COURSES FOR ADVANCED UNDERGRADUATES

S ED 280 SAFETY EDUCATION.
 3 HOURS
 *ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G.
 75177 LECT-DISC B *9 M W F 211 H G HUFFMAN

S ED 284 DRIVER EDUCATION.
 PREREQUISITE: DRIVERS LICENSE, JUNIOR STANDING.
 3 HOURS
 *TWO ADDITIONAL HOURS PER WEEK TO BE ARRANGED IN 400 H. G.
 75185 LECT-DISC L *8 TU TH 207 H G STAFF

S ED 289 SAFETY EDUCATION FIELD WORK.
 PREREQUISITE: SENIOR STANDING IN PUBLIC SAFETY EDUCATION.
 0 CREDIT
 75193 LAB-DISC ARR HUFFMAN

S ED 294 ADVANCED TRAFFIC SAFETY EDUCATION.
 PREREQUISITE: S. ED. 284.
 3 HOURS
 FIELD TRIP AND TWO HOURS LAB PER WEEK TO BE ARRANGED IN 400 H. G.
 75207 LECT-DISC M 9 TU TH 211 H G HUFFMAN

SCANDINAVIAN

GERMANIC LANGUAGES AND LITERATURES.
 DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

SCAN 102 ELEMENTARY SCANDINAVIAN, II.
 PREREQUISITE: SCAN. 101.
 4 HOURS
 TOPIC: NORWEGIAN.
 75215 LECT-DISC B 9 MTUWTH 270 L H HENDERSON

SCAN 104 INTERMEDIATE SCANDINAVIAN, II.
 PREREQUISITE: SCAN. 103.
 4 HOURS
 TOPIC: DANISH, SWEDISH, NORWEGIAN.
 75223 LECT-DISC B 9 MTUWTH 370 L H MITCHELL

COURSES FOR ADVANCED UNDERGRADUATES

SCAN 216 CONVERSATION AND WRITING.
 PREREQUISITE: SCAN. 104.
 2 HOURS
 75231 LECT-DISC ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SCAN 362 STRINDBERG AND THE LATER SCANDINAVIAN DRAMATISTS.
 SAME AS HUMAN. 362.
 3 HOURS OR 1 UNIT
 75240 LECT-DISC G 3 M WTH 162 L H MITCHELL

SECONDARY AND CONTINUING EDUCATION

DEPARTMENT OFFICE

EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

SE ED 101 INTRODUCTION TO THE TEACHING OF SECONDARY SCHOOL SUBJECTS.

2 HOURS

*SECTION E: SCIENCE
*SECTION M1: ENGLISH
*SECTION M2: FOREIGN LANGUAGE
*SECTION M3: MATH
*SECTION N1: FOREIGN LANGUAGE
*SECTION N2: MUSIC
*SECTION N3: SOCIAL STUDIES
*SECTION P1: FOREIGN LANGUAGE
*SECTION P2: ENGLISH
*SECTION P3: MATH
*SECTION P4: SOCIAL STUDIES
*SECTION R1: SCIENCE
*SECTION R2: ENGLISH
*SECTION R3: SOCIAL STUDIES
*SECTION S1: SEOP
*SECTION S2: MATH

REGISTRATION IN SECTIONS M1, N3, AND R2 ALSO REQUIRES REGISTRATION IN SECTIONS N2, P, AND S1 OF SECONDARY EDUCATION 240, RESPECTIVELY.

75258	LECT-DISC *E	1-3	F	4G	EDUC	WELLER
75266	LECT-DISC *M1	9	TU TH	19	D K H	MADSEN
75274	LECT-DISC *M2	9	TU TH	166	EDUC	DAIGH
75282	LECT-DISC *M3	9	TU TH	125	D K H	SHIRK
75291	LECT-DISC *N1	10	TU TH	166	EDUC	KAULFERS
75304	LECT-DISC *N2	10	TU TH	143	ARMORY	KOHUT
75312	LECT-DISC *N3	10	TU TH	36	COM W	METCALF
75321	LECT-DISC *P1	11	TU TH	166	EDUC	KAULFERS
75339	LECT-DISC *P2	11	TU TH	143	ARMORY	FILLION
75347	LECT-DISC *P3	11	TU TH	150	ARMORY	SHIRK
75355	LECT-DISC *P4	11	TU TH	19	D K H	HERING
75363	LECT-DISC *R1	1-3	TH	4G	EDUC	GOULD
75371	LECT-DISC *R2	1	TU TH	150	ARMORY	LONGSTREET
75380	LECT-DISC *R3	1	TU TH	36	COM W	HERING
75398	LECT-DISC *S1	9-11	TU TH	328	D K H	
75401	LECT-DISC *S2	2	TU TH	125	D K H	KNIFONG

SE ED 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

75410 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

SE ED 240 PRINCIPLES OF SECONDARY EDUCATION.

PREREQUISITE: SE. ED. 101 AND PSYCH. 100.

2 HOURS

*SECTIONS X1, X2, X3, AND X4 ARE PRIMARILY FOR STUDENTS REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL NOT MEET DURING THE SIX WEEK STUDENT TEACHING PERIOD.
*REGISTRATION IN SECTIONS N2, P, AND S1 ALSO REQUIRES REGISTRATION IN SECTIONS M1, N3, AND R2 OF SECONDARY EDUCATION 101 RESPECTIVELY.
SECTION X5 RESERVED FOR STUDENT TEACHERS ENROLLED IN DISTRICT 214 PROJECT.
SECTION X6 RESERVED FOR ART STUDENT TEACHERS. SECTION S2 RESERVED FOR SEOP STUDENTS.

75428	LECT-DISC L	8	TU TH	192	EDUC	HENDERSON
75436	LECT-DISC M1	9	TU TH	15	D K H	
75444	LECT-DISC M2	9	TU TH	192	EDUC	FILLION
75452	LECT-DISC N1	10	TU TH	317A	D K H	HENDERSON
75509	LECT-DISC *N2	10	TU TH	19	D K H	MADSEN
75517	LECT-DISC *P	11	TU TH	36	COM W	METCALF
75525	LECT-DISC *S1	2	TU TH	150	ARMORY	LONGSTREET
75533	LECT-DISC *S2	8-10	TU TH	150	ARMORY	
75461	LECT-DISC *X1	12	M W F	1	EDUC	BROWN
75479	LECT-DISC *X2	1	M W F	1	EDUC	KAULFERS
75487	LECT-DISC *X3	12	M W F	166	EDUC	KETTELKAMP
75495	LECT-DISC *X4	1	M W F	328	D K H	HAWKINS
75541	LECT-DISC X5	ARR				FISCHER
75550	LECT-DISC X6	ARR				MARSHALL

SE ED 241 TECHNIC OF TEACHING IN THE SECONDARY SCHOOL.						
PREREQUISITE: HP. ED. 201 AND SE. ED. 240 AND CONCURRENT REGISTRATION IN ED. PR. 242, CONSENT OF INSTRUCTOR.						
3 TO 5 HOURS						
AT THE REGISTRATION PERIOD BY THE PERSON LISTED AS THE INSTRUCTOR FOR SE. ED. 241. SEE EDUCATIONAL PRACTICE.						
*SECTION F1 RESERVED FOR SCIENCE STUDENTS IN DISTRICT 214 PROJECT.						
*SECTION J2 RESERVED FOR SOCIAL STUDIES STUDENTS IN DISTRICT 214 PROJECT.						
*SECTION L6 RESERVED FOR ENGLISH STUDENTS IN DISTRICT 214 PROJECT.						
*SECTION T2 RESERVED FOR MATHEMATICS STUDENTS IN DISTRICT 214 PROJECT.						
75606	LECT-DISC A	9	MTWTHF	25	EDUC	KNAPP
	PHYSICAL EDUCATION MEN (3 HOURS)					
75614	LECT-DISC D	10-12	MTWTHF	1	EDUC	MANCUSO
	PHYSICAL EDUCATION WOMEN (3 HOURS)					
75568	LECT-DISC *F1	ARR				GOULD
	SCIENCE (5 HOURS)					
75622	LECT-DISC F2	10-12	M W F	4G	EDUC	WELLER
	SCIENCE (5 HOURS)					
75631	LECT-DISC J1	9-11	M W F	153	ARMORY	COX
	J1	9	TU TH	153	ARMORY	
	SOCIAL STUDIES (4 HOURS)					
75576	LECT-DISC *J2	ARR				PAYETTE
	SOCIAL STUDIES (4 HOURS)					
75649	LECT-DISC J3	9-11	M W F	224	D K H	JOHNSON
	J3	9	TU TH	224	D K H	
	SOCIAL STUDIES (4 HOURS)					
75657	LECT-DISC K	ARR				MARSHALL
	ART (3-4 HOURS)					
75665	LECT-DISC L1	10-12	M W F	21	D K H	LONGSTREET
	L1	10	TU TH	21	D K H	
	ENGLISH (5 HOURS)					
75673	LECT-DISC L2	10-12	M W F	385	EDUC	FILLION
	L2	10	TU TH	385	EDUC	
	ENGLISH (5 HOURS)					
75681	LECT-DISC L3	10-12	M W F	389	EDUC	HOETKER
	L3	10	TU TH	389	EDUC	
	ENGLISH (5 HOURS)					
75690	LECT-DISC L4	10-12	M W F	15	D K H	JACOBS
	L4	10	TU TH	15	D K H	
	ENGLISH (5 HOURS)					
75703	LECT-DISC L5	10-12	M W F	150	ARMORY	NEMANICH
	L5	10	TU TH	150	ARMORY	
	ENGLISH (5 HOURS)					
75584	LECT-DISC *L6	ARR				ERICKSON
	ENGLISH (5 HOURS)					
75711	LECT-DISC N1	8	MTWTHF	25	EDUC	DAIGH
	FOREIGN LANGUAGE (4 HOURS)					
75720	LECT-DISC N2	8	MTWTHF	33	EDUC	KETTELKAMP
	FOREIGN LANGUAGE (4 HOURS)					
75738	LECT-DISC N3	8	MTWTHF	2	EDUC	HAWKINS
	FOREIGN LANGUAGE (4 HOURS)					
75746	LECT-DISC R	8	MTWTHF	22	EDUC	MATHER
	HOME ECONOMICS (3 HOURS)					
75754	LECT-DISC S	1	MTWTHF	25	EDUC	TINKHAM
	INDUSTRIAL EDUCATION (3 HOURS)					
75762	LECT-DISC T1	1-3	MTWTHF	153	ARMORY	DAVISON
	LAB T1	3	M WTH	143	ARMORY	
	MATHEMATICS (5 HOURS)					

SE ED 241	CONTINUED					
75592	LECT-DISC *T2	ARR				TRAVERS
	MATHEMATICS (5 HOURS)					
75771	LECT-DISC V	9	MTUWTHF	36	COM W	COLWELL
	MUSIC (3-4 HOURS)					
75789	LECT-DISC V2	9	MTUWTHF	317A	D K H	COLWELL
	MUSIC (3-4 HOURS)					
75797	LECT-DISC DD	ARR				KOEBEL
	DANCE (3 HOURS)					
75801	LECT-DISC C	8	MTUWTHF	114	H G	BROWN, CONLEY
	HEALTH AND SAFETY EDUCATION (3 HOURS)					

SE ED 247	TEACHING OF SPEECH.					
	SAME AS SPCH. 247.					
	PREREQUISITE: SENIOR STANDING, 3.5 GRADE AVERAGE.					
	5 HOURS					
75819	LECT-DISC	2-4	MTUWTHF	145	L H	INCE

SE ED 249	INDEPENDENT STUDY.					
	PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.					
	2 OR 3 HOURS					
	*SECTIONS C AND D ARE FOR COMPUTER-ASSISTED INSTRUCTION. 3 HOURS.					
75827	LECT-DISC *C	3-5	TU	28	COM W	HICKS
75835	LECT-DISC *D	3-5	TH	28	COM W	HICKS

SE ED 291	THESIS.					
	PREREQUISITE: SENIOR STANDING.					
	2 HOURS					
75843	CONF		ARR			

SE ED 292	THESIS.					
	PREREQUISITE: SENIOR STANDING.					
	2 HOURS					
75851	CONF		ARR			

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SE ED 336	FUNDAMENTALS OF READING TECHNIQUES.					
	SAME AS EL. ED. 336.					
	PREREQUISITE: JUNIOR STANDING; REGISTRATION IN A TEACHER EDUCATION CURRICULUM.					
	3 HOURS, OR 1/2 OR 1 UNIT					
	*SECTIONS A, A1, C, C1, C2, C3, E, AND E1 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD. SECTIONS X, Y, AND Z WILL NOT MEET DURING SIX-WEEK JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD. SECTIONS A, C, C2, C4, E, AND F ARE ONLY FOR STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA. SECTIONS C6 AND F2 ARE ONLY FOR SPECIAL EDUCATION STUDENTS. STUDENTS IN OTHER CURRICULA ENROLL IN SECTIONS A1, C, C3, C5, C7, E1, F1, OR F3.					
75894	LECT-DISC *A	8-10	M W F	1	EDUC	
75975	LECT-DISC *A1	8-10	M W F	1	EDUC	
75908	LECT-DISC *C	10-12	M W F	166	EDUC	
75983	LECT-DISC *C1	10-12	M W F	166	EDUC	
75916	LECT-DISC *C2	10-12	M W F	192	EDUC	
75991	LECT-DISC *C3	10-12	M W F	192	EDUC	
75924	LECT-DISC *C4	10	M W F	25	EDUC	
76008	LECT-DISC *C5	10	M W F	25	EDUC	
75932	LECT-DISC *C6	10	M W F	25	EDUC	
76016	LECT-DISC *C7	10	M W F	25	EDUC	
75941	LECT-DISC *E	1-3	M W F	36	COM W	
76024	LECT-DISC *E1	1-3	M W F	36	COM W	
75959	LECT-DISC *F	2	M W F	1	EDUC	
76032	LECT-DISC *F1	2	M W F	1	EDUC	
75967	LECT-DISC *F2	2	M W F	1	EDUC	
76041	LECT-DISC *F3	2	M W F	1	EDUC	
75860	LECT-DISC *X	8	MTUWTHF	166	EDUC	WALKER
75878	LECT-DISC *Y	1	MTUWTHF	125	D K H	WALKER
75886	LECT-DISC *Z	2-4	M W	15	D K H	KOENKE
	*Z	2	F	15	D K H	KOENKE

SE ED 354 AUDIO-VISUAL COMMUNICATION.
 SAME AS EL. ED. AND LIB. S. 354.
 PREREQUISITE: SENIOR OR GRADUATE STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT
 REQUIRES REGISTRATION IN LECTURE AND EITHER LAB A OR LAB B.

76059	LECT-DISC		4-6	TU	1	EDUC	ISAACS
76067	LAB	A	4-6	W	25	EDUC	ISAACS
76075	LAB	B	4-6	TH	28	EDUC	ISAACS

COURSES FOR GRADUATES

SE ED 448 CONTINUING EDUCATION.
 1/2 OR 1 UNIT

76083	LECT-DISC		4-6	W	33	EDUC	HEMP
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SE ED 449 INDEPENDENT STUDY.
 PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
 DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
 *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL
 CONSENT OF THE DEAN.
 *1/2 OR 1 UNIT

76091	CONF		ARR				
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SE ED 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF
 SECONDARY EDUCATION.
 1 UNIT
 *SECTION A IS FOR ENGLISH. SECTION C IS FOR MATHEMATICS.
 SECTION D IS FOR SCIENCE. SECTION E IS FOR SOCIAL STUDIES, AND
 SECTION G IS FOR MUSIC.

76105	LECT-DISC	*A	4-6	M	25	EDUC	ERICKSON
76113	LECT-DISC	*C	430-630	W	130	COM W	HENDERSON
76121	LECT-DISC	*D	4-6	TH	40	COM W	BROWN
76130	LECT-DISC	*E	630-830PM	M	11	EDUC	METCALF
76148	LECT-DISC	*G	8-10	TH	1	EDUC	COLWELL

SE ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
 1/2 TO 2 UNITS
 *SECTION A IS RESERVED FOR MASTERS OVERSEAS OPTION, MATHEMATICS,
 1 UNIT. SECTION B IS RESERVED FOR MASTERS OVERSEAS OPTION, SCIENCE,
 1 UNIT.
 *SECTIONS C & D ARE FOR COMPUTER-ASSISTED INSTRUCTION, 1 UNIT.

76156	LECT-DISC	*A	ARR				TRAVERS
76164	LECT-DISC	*B	ARR				BROWN
76172	LECT-DISC	*C	3-5	TU	28	COM W	HICKS
76181	LECT-DISC	*D	3-5	TH	28	COM W	HICKS

SE ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
 OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY
 IN SECONDARY AND CONTINUING EDUCATION.
 *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
 *0 TO 1 UNIT
 *SECTION A IS FOR ENGLISH, SECTION B IS FOR FOREIGN LANGUAGE,
 SECTION C IS FOR MATHEMATICS, SECTION D IS FOR SCIENCE, SECTION
 E IS FOR SOCIAL STUDIES, AND SECTION H IS FOR HIGHER EDUCATION--
 SELECTED TOPICS IN HIGHER EDUCATION. SECTION J IS FOR MUSIC,
 AND SECTION I IS FOR HIGHER EDUCATION--HUMAN POTENTIAL SEMINAR IN
 HIGHER EDUCATION.

76199	LECT-DISC	*A	4-6	TU	33	EDUC	WALKER
76202	CONF	*B	ARR				KAULFERS
76211	CONF	*C	ARR				PINGRY
76229	LECT-DISC	*D	4-6	TU	6	COM W	BURNETT
76237	LECT-DISC	*E	4-6	TU	143	ARMORY	JOHNSON
76245	LECT-DISC	H	ARR				BROUDY
76253	LECT-DISC	I	ARR				O'BANION
76261	LECT-DISC	J	4-6	M	33	EDUC	LEONHARD
							COLWELL

SE ED 491 FIELD STUDY AND THESIS SEMINAR.
 LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
 1 TO 2 UNITS

76270	LECT-DISC		4-6	M	166	EDUC	BURNETT
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SE ED 499 THESIS RESEARCH.
 0 TO 4 UNITS

76288	CONF		ARR				
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SFRBO-CROATIAN

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

S CR 393 READINGS IN SERBO-CROATIAN LITERATURE.
PREREQUISITE: S. CR. 392 OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT
76296 LECT-DISC X 12 M W F 9 G H DUNATOV

SLAVIC

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

COURSES FOR UNDERGRADUATES

SLAV 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
76300 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SLAV 382 LANGUAGE LABORATORY TECHNIQUES.
SAME AS FR., GER., AND SPAN. 382.
PREREQUISITE: THREE YEARS OF MODERN FOREIGN LANGUAGE AT THE
COLLEGE LEVEL, OR THE EQUIVALENT.
2 HOURS OR 1/2 UNIT
76318 LECT-DISC 3 TU TH 236 L H STAFF

COURSES FOR GRADUATES

SLAV 405 OLD CHURCH SLAVONIC.
1 UNIT
76326 LECT-DISC FG 220-335 TU TH 261 L H C DAWSON

SLAV 431 COMPARATIVE SLAVIC LITERATURE.
SAME AS C. LIT. 431.
1 UNIT
76334 LECT-DISC B 220-335 TU TH 305 G H L. IRIBARNE

SLAV 461 COMPARATIVE SLAVIC MORPHOLOGY.
PREREQUISITE: SLAV. 460.
1 UNIT
76342 LECT-DISC ARR

SLAV 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN RUSSIAN.
1/4 TO 2 UNITS
*SECTION A TOPIC: RUSSIAN LITERATURE.
*SECTION B TOPIC: SLAVIC LINGUISTICS.
*SECTION C TOPIC: POLISH LITERATURE, (3/4 UNIT).
*SECTION D TOPIC: RUSSIAN CULTURE, (3/4 UNIT).
*SECTION E TOPIC: CZECH LITERATURE, (3/4 UNIT).
*SECTION F TOPIC: SERBO-CROATIAN LITERATURE, (3/4 UNIT).
*SECTION G TOPIC: UKRAINIAN LITERATURE, (3/4 UNIT).
76351 CONF *A ARR
76369 CONF *B ARR
76377 CONF *C ARR
76385 CONF *D ARR
76393 CONF *E ARR
76407 CONF F ARR
76415 CONF G ARR

F. GLADNEY
L. IRIBARNE
S. HILL
V. KOSTUN
R. DUNATOV
K. KLEIN

SOCIAL SCIENCES

THE DIVISION OF SOCIAL SCIENCES SPONSORS THE FOLLOWING PROGRAMS: (1) AN UNDERGRADUATE MINOR IN LATIN AMERICAN STUDIES; (2) A GRADUATE MINOR IN LATIN AMERICAN STUDIES; (3) AN UNDERGRADUATE MAJOR AND MINOR IN RUSSIAN AREA STUDIES; (4) A GRADUATE MINOR IN RUSSIAN AREA STUDIES; (5) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE SOCIAL SCIENCES; (6) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE TEACHING OF SOCIAL STUDIES; (7) A GRADUATE MAJOR AND MINOR AND UNDERGRADUATE MINOR IN LINGUISTICS; (8) AN UNDERGRADUATE MINOR IN ASIAN STUDIES; (9) A GRADUATE MINOR IN ASIAN STUDIES.

THE DIVISION OF SOCIAL SCIENCES CALLS TO THE ATTENTION OF STUDENTS THE OFFERINGS IN THE GENERAL FIELD OF INTERNATIONAL AFFAIRS AND OF NON-WESTERN AREAS FOUND AT THE UNIVERSITY OF ILLINOIS. THE DIVISION RECOMMENDS THAT THE STUDENT INTERESTED IN INTERNATIONAL AFFAIRS AND NON-WESTERN AREAS CONSULT WITH THE ADVISOR IN HIS MAJOR DEPARTMENT OR WITH THE CENTERS FOR ASIAN, LATIN AMERICAN, AND RUSSIAN LANGUAGE AND AREA STUDIES CONCERNING THE POSSIBILITY OF TAKING COURSES IN THESE SUBJECTS, EITHER AS PART OF A MINOR OR SPLIT MINOR, OR AS ELECTIVES.

ENTRANCE EXAMINATIONS FOR THE FOREIGN SERVICE OF THE UNITED STATES. STUDENTS INTERESTED IN PREPARING FOR THESE EXAMINATIONS ARE URGED TO CONSULT WITH THE GOVERNMENT PLACEMENT CONSULTANT OF THE UNIVERSITY PLACEMENT SYSTEM, WHO MAY BE SEEN AT THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS, 1201 WEST NEVADA STREET.

SOCIAL WORK

DEPARTMENT OFFICE

1207 W OREGON

UNDERGRADUATE MAJOR: THE COOPERATIVE INTERDEPARTMENTAL MAJOR AND MINOR IN SOCIAL WELFARE INCLUDES COMPLETION OF A COURSE IN STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY, AT LEAST TWELVE HOURS OF COURSES IN SOCIAL WORK, AND TWENTY-EIGHT HOURS OF SELECTED COURSE WORK FROM THE FOLLOWING DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

MINORS: COURSES IN SOCIAL WORK MAY BE COUNTED TOWARD AN UNDERGRADUATE MINOR IN THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

COURSES FOR UNDERGRADUATES

SOC W 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

76431 CONF

ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES

SOC W 225 INTRODUCTION TO SOCIAL WELFARE, I.

PREREQUISITE: SOC. 100 OR 151; AND PSYCH. 100 OR 103; OR D. G. S. 171.

3 HOURS

76440	LECT-DISC A	9-1030	TU TH	103	FLOR	ATHERTON
76458	LECT-DISC B	1030-12	TU TH	103	1207 W ORE	HANDLER
76466	LECT-DISC C	9	M W F	113	D H	WATTENBERG

SOC W 226 INTRODUCTION TO SOCIAL WELFARE, II.

PREREQUISITE: SOC. W. 225.

3 HOURS

76474	LECT-DISC	A	9-1030	TU TH	302	ARCH	LEUENBERGER
76482	LECT-DISC	B	8	M W F	103	1207 W ORE	SMITH
76491	LECT-DISC	C	10	M W F	109	N L	ATHERTON
76504	LECT-DISC	D	11	M W F	8	C A	ASCOLI

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOC W 300 METHODS OF SOCIAL WORK INTERVENTION.

PREREQUISITE: SOC. W. 226, OR TAKEN CONCURRENTLY.

3 HOURS, OR 1/2 TO 1 UNIT

76512	LECT-DISC	A	9	M W F	152	C A	KIM
76521	LECT-DISC	B	10	M W F	209A	D H	SEAMAN
76539	LECT-DISC	C	1-230	TU TH	103	1207 W ORE	MONKMAN

SOC W 316 SOCIAL SERVICES FOR CHILDREN.

PREREQUISITE: SOC. W. 300, OR TAKEN CONCURRENTLY, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

76547	LECT-DISC	A	9	M W F	109	N L	ASCOLI
76555	LECT-DISC	B	130-3	M W	8	C A	JOHNSON
76563	LECT-DISC	C	2	M W F	152	C A	COSTIN

SOC W 318 SPECIAL PROBLEMS.

PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 300 AND CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 TO 1 UNIT

76571	CONF	A	ARR				GULLERUD
76580	CONF	B	ARR				HENDERSON

SOC W 333 INTRODUCTION TO SOCIAL GROUP WORK.

PREREQUISITE: JUNIOR STANDING WITH INTRODUCTORY COURSES IN SOCIOLOGY, PSYCHOLOGY, SOCIAL SCIENCES.

2 HOURS OR 1/2 UNIT

76598	LECT-DISC	A	1-3	M	162	N L	PLATH
76601	LECT-DISC	B	1-3	TU	111	G H	LEUENBERGER

COURSES FOR GRADUATES

TO BE ADMITTED TO GRADUATE STUDY IN SOCIAL WORK STUDENTS MUST HAVE HAD AT LEAST TWENTY SEMESTER HOURS IN THE SOCIAL SCIENCES, PREFERABLY INCLUDING COURSEWORK IN SOCIAL ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK OR SOCIAL WELFARE, AND SOCIOLOGY. COMPLETION OF A COURSE IN STATISTICS AND/OR RESEARCH METHODOLOGY IS RECOMMENDED.

SOC W 420 COMPARATIVE APPROACHES IN COMMUNITY ORGANIZATION PRACTICE.

PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 421 OR CONSENT OF INSTRUCTOR.

1/2 TO 2 UNITS

76610	LECT-DISC	A	9-1030	M W	103	1207 W ORE	HENDERSON
76628	LECT-DISC	B	1-230	M W	103	1207 W ORE	PANITCH

SOC W 422 A COMPARATIVE ANALYSIS OF APPROACHES IN CASEWORK.

PREREQUISITE: SOC. W. 421, 451, OR CONSENT OF INSTRUCTOR.

1/2 TO 1 1/2 UNITS

76636	LECT-DISC	A	9-1030	TU TH	103	1207 W ORE	MONKMAN
76644	LECT-DISC	B	1030-12	M W	103	1207 W ORE	JOHNSON

SOC W 423 COMPARATIVE APPROACHES TO SOCIAL GROUP WORK PRACTICE.

PREREQUISITE: SOC. W. 421 AND 425, OR CONSENT OF INSTRUCTOR.

1/2 TO 1 1/2 UNITS

76652	LECT-DISC	A	9-1030	M W	133	1207 W ORE	EUSTER
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SOC W 426 SOCIAL PLANNING AND ADMINISTRATION.

1/2 TO 1 UNIT

76661	LECT-DISC	A	1030-12	M W	133	1207 W ORE	ANDERSON
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SOC W 428	SEMINAR ON A COMPARATIVE ANALYSIS OF SELECTED MODELS OF FAMILY THERAPY.									
	PREREQUISITE: SOC. W. 421 AND CONSENT OF INSTRUCTOR.									
	1/2 TO 1 1/2 UNITS									
76679	LECT-DISC	ARR								VATTANO
SOC W 429	SEMINAR IN METHODS OF INTERVENTION WITH LOW-INCOME FAMILIES.									
	PREREQUISITE: SOC. W. 421 OR EQUIVALENT.									
	1/2 TO 1 1/2 UNITS									
76687	LECT-DISC	A	9-1030	TU TH	133	1207 W ORE				WATTENBERG
SOC W 431	PRACTICE SEMINAR, I.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1 UNIT									
76695	PRACT	ARR								STAFF
SOC W 432	PRACTICE SEMINAR, II.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1 UNIT									
76709	PRACT	ARR								STAFF
SOC W 435	SEMINAR IN STAFF DEVELOPMENT.									
	PREREQUISITE: SOC. W. 421 AND CONCURRENT REGISTRATION IN ANY ONE OF THE FOLLOWING: SOC. W. 420, 421, 423, OR 429.									
	1/2 TO 1 UNIT									
76717	LECT-DISC		1-230	M W	21	1207 W ORE				ANDERSON
SOC W 452	HUMAN GROWTH AND BEHAVIOR, II.									
	PREREQUISITE: SOC. W. 451.									
	1/2 TO 1 1/2 UNITS									
76725	LECT-DISC	A	1-230	M W	133	1207 W ORE				BRIELAND
76733	LECT-DISC	B	1030-12	TU TH	133	1207 W ORE				KIM
SOC W 461	SPECIAL STUDIES IN SOCIAL WORK I.									
	1/2 TO 2 UNITS									
76741	CONF	A	ARR							COSTIN
76750	CONF	B	ARR							VATTANO
SOC W 462	SPECIAL STUDIES IN SOCIAL WORK II.									
	1/2 TO 2 UNITS									
	TIME BY ARRANGEMENT AFTER FIRST MEETING.									
76768	CONF	A	ARR							TABER
SOC W 467	FIELD INSTRUCTION, II.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1/2 TO 1 UNIT									
76776	PRACT	A	1	TU	133	1207 W ORE				GOULD
		A	1-4	TH	133	1207 W ORE				GOULD
76784	PRACT	B	1	TU	21	1207 W ORE				DOWNING
		B	1-4	TH	301 S	WRIGHT				DOWNING & STAFF
SOC W 468	FIELD INSTRUCTION, III.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1 TO 2 UNITS									
76792	PRACT	ARR								STAFF
SOC W 469	FIELD INSTRUCTION, IV.									
	PREREQUISITE: SOC. W. 468.									
	1 TO 2 UNITS									
76806	PRACT	A	ARR							DOWNING AND STAFF
SOC W 482	SOCIAL SERVICES AND WELFARE POLICY, II.									
	PREREQUISITE: CONSENT OF INSTRUCTOR.									
	1/2 TO 1 UNIT									
76814	LECT-DISC	A	230-4	M W	103	1207 W ORE				WEIGANT
SOC W 484	NATIONAL SOCIAL WELFARE POLICY, I.									
	PREREQUISITE: SOC. W. 481 OR CONSENT OF INSTRUCTOR.									
	1/2 TO 2 UNITS									
76822	LECT-DISC	A	230-4	M W	133	1207 W ORE				STAFF

SOC W 491 RESEARCH SEMINAR.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 0 TO 2 UNITS

76831	PRACT	A	9-12	F	103	1207 W ORE	GULLERUD
76849	PRACT	B	9-12	F	133	1207 W ORE	GOULD
76857	PRACT	C	1-4	F	103	1207 W ORE	GULLERUD
76865	PRACT	D	1-4	F	133	1207 W ORE	FLYNN

SOC W 493 METHODOLOGICAL ISSUES IN SOCIAL WORK RESEARCH.
 PREREQUISITE: ONE COURSE IN SOCIAL RESEARCH METHODS.
 1/2 TO 1 1/2 UNITS

76873	LECT-DISC		2-330	TU TH	133	1207 W ORE	STAFF
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SOCIOLOGY

DEPARTMENT OFFICE

342 L H

MAJOR: TWENTY HOURS FROM COURSES IN SOCIOLOGY, EXCLUDING SOCIOLOGY 100, 151, AND 152. SOCIOLOGY MAJORS ARE REQUIRED TO TAKE SOCIOLOGY 184, 185, 300, AT LEAST ONE COURSE FROM AMONG 201, 212, 320, AND 321 (THE INTERPERSONAL RELATIONS AREA), AND AT LEAST ONE COURSE FROM AMONG 218, 223, 270, AND 322 (THE SOCIETAL ANALYSIS AREA).

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE PSYCHOLOGY AND SOCIAL WORK. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A MINOR.

DEPARTMENTAL DISTINCTION: IN ORDER TO BE AWARDED DISTINCTION IN SOCIOLOGY AT GRADUATION, THE STUDENT MUST (1) HAVE AT LEAST A 4.0 ALL UNIVERSITY GRADE POINT AVERAGE; (2) MEET THE GENERAL REQUIREMENTS FOR A MAJOR IN SOCIOLOGY; AND (3) IN ADDITION TO THE WORK DONE FOR THE MAJOR, EARN FOUR SEMESTER HOURS OF CREDIT BY ENROLLING IN BOTH OF THE HONORS COURSES (SOC. 290 AND 291).

COURSES FOR UNDERGRADUATES

SOC 100 INTRODUCTION TO SOCIOLOGY.
 *CREDIT IS NOT GIVEN FOR BOTH SOC. 100 AND R. SOC. 117.
 *3 HOURS
 EACH STUDENT MUST ELECT ONE QUIZ-LECTURE COMBINATION.

76881	QUIZ	A 1	8	F	134	ARMORY	
	LECT	A	10	M W	112	G H	PORTES
76890	QUIZ	A 2	9	F	134	ARMORY	
	LECT	A	10	M W	112	G H	PORTES
76903	QUIZ	A 3	10	F	134	ARMORY	
	LECT	A	10	M W	112	G H	PORTES
76911	QUIZ	A 4	11	F	134	ARMORY	
	LECT	A	10	M W	112	G H	PORTES
76920	QUIZ	A 5	1	F	134	ARMORY	
	LECT	A	10	M W	112	G H	PORTES
76938	QUIZ	A 6	2	F	134	ARMORY	
	LECT	A	10	M W	112	G H	PORTES
76946	QUIZ	A 7	8	F	300	L H	
	LECT	A	10	M W	112	G H	PORTES
76954	QUIZ	A 8	9	F	300	L H	
	LECT	A	10	M W	112	G H	PORTES
76962	QUIZ	A 9	11	F	300	L H	
	LECT	A	10	M W	112	G H	PORTES
76971	QUIZ	A10	1	F	300	L H	
	LECT	A	10	M W	112	G H	PORTES
76989	QUIZ	A11	10	TH	201	E B	
	LECT	A	10	M W	112	G H	PORTES
76997	QUIZ	A12	1	TH	205	E B	
	LECT	A	10	M W	112	G H	PORTES
77003	QUIZ	B 1	10	TH	209	E B	
	LECT	B	2	M W	114	D K H	WILEY

SOC	100	CONTINUED									
	77011	QUIZ	B 2	9		TH	134	ARMORY			
		LECT	B 2	2	M	W	114	D K H		WILEY	
	77020	QUIZ	B 3	10		TH	134	ARMORY			
		LECT	B 3	2	M	W	114	D K H		WILEY	
	77038	QUIZ	B 4	10		TH	205	F B			
		LECT	B 4	2	M	W	114	D K H		WILEY	
	77046	QUIZ	B 5	11		TH	134	ARMORY			
		LECT	B 5	2	M	W	114	D K H		WILEY	
	77054	QUIZ	B 6	11		F	340	L H			
		LECT	B 6	2	M	W	114	D K H		WILEY	
	77062	QUIZ	B 7	11		TH	340	L H			
		LECT	B 7	2	M	W	114	D K H		WILEY	
	77071	QUIZ	B 8	1		TH	340	L H			
		LECT	B 8	2	M	W	114	D K H		WILEY	
	77089	QUIZ	B 9	9		TH	340	L H			
		LECT	B 9	2	M	W	114	D K H		WILEY	
	77097	QUIZ	B 10	10		TH	340	L H			
		LECT	B 10	2	M	W	114	D K H		WILEY	
	77101	QUIZ	B 11	9		F	314	L H			
		LECT	B 11	2	M	W	114	D K H		WILEY	
	77119	QUIZ	B 12	11		F	314	L H			
		LECT	B 12	2	M	W	114	D K H		WILEY	

SOC	131	SOCIAL PROBLEMS									
		PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL SCIENCE.									
		3 HOURS									
	77127	LECT-DISC		10	M	W	F	300	L H	JENNE	

SOC	152	THE STUDY OF SOCIETY, II.									
		PREREQUISITE: SOC. 151.									
		*CREDIT IS NOT GIVEN IN SOC. 152 IN ADDITION TO CREDIT IN SOC. 100 OR R. SOC. 117.									
		*4 HOURS									
		SECTION 89 IS FOR JAMES SCHOLARS. OTHERS MAY BE ADMITTED WITH CONSENT OF THEIR ADVISORS.									
	77135	LECT		11		TU TH		L H THEATER		JENNE	
	77143	QUIZ	I	9	M	W	134	ARMORY			
	77151	QUIZ	2	10	M	W	134	ARMORY			
	77160	QUIZ	3	11	M	W	134	ARMORY			
	77178	QUIZ	4	1	M	W	134	ARMORY			
	77186	QUIZ	5	2	M	W	134	ARMORY			
	77194	QUIZ	6	3	M	W	134	ARMORY			
	77208	QUIZ	7	11	M	W	340	L H			
	77216	QUIZ	8	1		TU TH	134	ARMORY			
	77313	QUIZ	89	2		TU TH	134	ARMORY			
	77224	QUIZ	10	3		TU TH	134	ARMORY			
	77232	QUIZ	11	1		TU TH	201	E B			
	77241	QUIZ	12	2		TU TH	314	L H			
	77259	QUIZ	13	1		TU TH	209	E B			
	77267	QUIZ	14	9	M	W	300	L H			
	77275	QUIZ	15	11	M	W	300	L H			
	77283	QUIZ	16	1	M	W	300	L H			
	77291	QUIZ	17	2		TU TH	340	L H			
	77305	QUIZ	18	3		TU TH	340	L H			

SOC	184	NON-STATISTICAL INTRODUCTION TO SOCIAL SCIENCE RESEARCH METHODS.									
		PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY OR GEOGRAPHY.									
		3 HOURS									
		*SECTIONS A1 AND B1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2 OR B2.									
	77321	LECT-DISC *A1		10	M	W	F	340	L H	WONG	
	77348	LECT-DISC *A2		10	M	W	F	340	L H		
	77330	LECT-DISC *B1		1030-12		TU TH		314	L H	WOELFEL	
	77356	LECT-DISC *B2		1030-12		TU TH		314	L H		

SOC	185	INTRODUCTION TO SOCIAL STATISTICS.									
		SAME AS GEOG. 185.									
		PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.									
		3 HOURS									
		*SECTIONS A1 AND B1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2 OR B2. GEOGRAPHY MAJORS SEE GEOGRAPHY 185.									
	77364	LECT-DISC *A1		9	M	W	F	340	L H	UCHE	
	77381	LECT-DISC *A2		9	M	W	F	340	L H		
	77372	LECT-DISC *B1		2	M	W	F	340	L H	SYNGE	
	77399	LECT-DISC *B2		2	M	W	F	340	L H		

SOC 190 INDIVIDUAL TOPICS FOR UNDERGRADUATES.
 PREREQUISITE: SIX HOURS OF SOCIOLOGY OR THREE HOURS OF SOCIOLOGY,
 CONCURRENT REGISTRATION IN ANOTHER SOCIOLOGY COURSE AND
 CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A TOTAL OF 4 HOURS.
 *1 OR 2 HOURS
 77402 CONF ARR STAFF

SOC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION A TOPIC: CONFLICT THEORY AND SOCIAL THEORY.
 SECTION B TOPIC: INTRODUCTION TO AFRICAN SOCIETY.
 77411 CONF A 10 M W F 314 L H SOUTHWOOD
 77429 CONF B 1030-12 TU TH 300 L H UCHE

COURSES FOR ADVANCED UNDERGRADUATES

SOC 206 POLITICAL SOCIOLOGY.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77437 LECT-DISC *A1 11 M W F 114 D K H DRUM
 77445 LECT-DISC *A2 11 M W F 114 D K H

SOC 218 TECHNOLOGY AND SOCIAL CHANGE.
 PREREQUISITE: SOC. 100 OR EQUIVALENT.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77453 LECT-DISC *A1 9-1030 TU TH 151 E E B SOLAUN
 77461 LECT-DISC *A2 9-1030 TU TH 151 E E B

SOC 223 STRATIFICATION AND SOCIAL CLASSES.
 PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL
 SCIENCE.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77470 LECT-DISC *A1 9-1030 TU TH 100 G H LUESCHEN
 77488 LECT-DISC *A2 9-1030 TU TH 100 G H

SOC 225 RACIAL AND CULTURAL MINORITIES.
 PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77496 LECT-DISC *A1 3-430 TU TH 213 G H WONG
 77500 LECT-DISC *A2 3-430 TU TH 213 G H

SOC 231 ANALYSIS OF JUVENILE DELINQUENCY.
 PREREQUISITE--SOC. 100 OR 151.
 3 HOURS.
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77518 LECT-DISC *A1 9 M W F 101 ARMORY SYNGE
 77526 LECT-DISC *A2 9 M W F 101 ARMORY

SOC 246 VERTEBRATE SOCIAL ORGANIZATION.
 SAME AS PSYCH AND ZOOL. 246.
 PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY.
 3 HOURS
 77534 LECT 10 M W F 202 H H

SOC 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
 SAME AS COMM. AND JOURN. 251.
 PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
 CONSENT OF THE COLLEGE.
 3 HOURS
 77542 LECT-DISC F 2 M W F 215 G H
 77551 LECT-DISC H 4 M W F 215 G H

SOC 276 SOCIOLOGY OF THE CITY.
 PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
 JUNIOR STANDING.
 3 HOURS
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77569 LECT-DISC *A1 3-430 M W 106 L H
 77577 LECT-DISC *A2 3-430 M W 106 L H PORTES

SOC 277 RURAL SOCIAL CHANGE.
 SAME AS R. SOC. 277.
 PREREQUISITE: SOC. 100 OR R. SOC. 117.
 FIELD TRIP, ESTIMATED EXPENSE, \$5.
 3 HOURS
 77585 LECT-DISC D 11 M W F 316N M H SOFRANKO

SOC 291 HONORS.
 PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
 2 HOURS
 77593 CONF EA ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOC 300 TWENTIETH CENTURY SOCIOLOGICAL THEORY.
 PREREQUISITE: SOC. 100.
 3 HOURS OR 1 UNIT
 *SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
 STUDENTS MUST ENROLL IN SECTION A2.
 77607 LECT-DISC *A1 2-330 TU TH 196 L H
 77615 LECT-DISC *A2 2-330 TU TH 196 L H JOHNSON

SOC 309 SOUTH ASIAN SOCIAL ORGANIZATION.
 PREREQUISITE: SOC. 100, 151, OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 77623 LECT-DISC 8-930 TU TH 300 L H WIEBE

SOC 320 SOCIAL ROLES.
 PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT
 77631 LECT-DISC 2 M W F 314 L H HULETT

SOC 328 SOCIOLOGY OF ASIAN RELIGIONS.
 PREREQUISITE: SOC. 229 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 77640 LECT-DISC 2 M W F 300 L H JACOBS

SOC 329 COMPARATIVE FAMILY INSTITUTIONS.
 PREREQUISITE: SOC. 185.
 3 HOURS, OR 1/2 OR 1 UNIT
 77658 LECT-DISC 9-1030 TU TH 314 L H FARBER

SOC 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
 SAME AS PSYCH. 332.
 PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR
 SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC
 COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
 4 HOURS, OR 1/2 OR 1 UNIT
 77666 LAB-DISC *A1 1-3 M W 151 PSYCH BLDG
 *A1 11 TU TH 23 PSYCH BLDG
 77721 LAB-DISC *A2 1-3 M W 151 PSYCH BLDG
 *A2 11 TU TH 23 PSYCH BLDG
 77674 LAB-DISC *A3 1-3 TU TH 151 PSYCH BLDG
 *A3 11 TU TH 23 PSYCH BLDG
 77739 LAB-DISC *A4 1-3 TU TH 151 PSYCH BLDG
 *A4 11 TU TH 23 PSYCH BLDG
 77682 LAB-DISC *A5 3-5 M W 151 PSYCH BLDG
 *A5 11 TU TH 23 PSYCH BLDG
 77747 LAB-DISC *A6 3-5 M W 151 PSYCH BLDG
 *A6 11 TU TH 23 PSYCH BLDG
 77691 LAB-DISC *A7 3-5 TU TH 151 PSYCH BLDG
 *A7 11 TU TH 23 PSYCH BLDG

SOC	332	CONTINUED									
	77755	LAB-DISC	*A8	3-5	TU TH	151	PSYCH BLDG				
			*A8	11	TU TH	23	PSYCH BLDG				
	77704	LAB-DISC	*B1	8-10	M W	151	PSYCH BLDG				
			*B1	1	TU TH	21	PSYCH BLDG				
	77763	LAB-DISC	*B2	8-10	M W	151	PSYCH BLDG				
			*B2	1	TU TH	21	PSYCH BLDG				
	77712	LAB-DISC	*B3	8-10	TU TH	151	PSYCH BLDG				
			*B3	1	TU TH	21	PSYCH BLDG				
	77771	LAB-DISC	*B4	8-10	TU TH	151	PSYCH BLDG				
			*B4	1	TU TH	21	PSYCH BLDG				
SOC	335	COMPARATIVE SOCIAL STRATIFICATION.									
		PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR.									
		3 HOURS, OR 1/2 OR 1 UNIT									
	77780	LECT-DISC		3	M W F	300	L H			JACOBS	
SOC	340	SOCIAL MOVEMENTS.									
		PREREQUISITE: SOC. 100 OR 151.									
		3 HOURS, OR 1/2 OR 1 UNIT									
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER									
		STUDENTS MUST ENROLL IN SECTION A2.									
	77798	LECT-DISC	*A1	3-430	M W	314	L H			WILEY	
	77801	LECT-DISC	*A2	3-430	M W	314	L H				
SOC	343	SOCIAL CHANGE IN DEVELOPING AREAS.									
		SAME AS R. SOC. 343.									
		PREREQUISITE: SOC. 100 OR 151 OR EQUIVALENT.									
		3 HOURS, OR 1/2 OR 1 UNIT									
	77810	LECT-DISC		1030-12	TU TH	156	ADMIN			KARSH	
SOC	351	ADVANCED SOCIAL PSYCHOLOGY.									
		SAME AS PSYCH. 351 AND COMM. 351.									
		PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385									
		OR A COMPARABLE STATISTICS COURSE.									
		3 HOURS, OR 1/2 OR 1 UNIT									
	77828	LECT		3-420	TU TH	32	PSYCH BLDG				
SOC	359	THE SOCIAL PSYCHOLOGY OF ORGANIZATION.									
		SAME AS PSYCH. 359.									
		PREREQUISITE: PSYCH. 355 OR SOC. 322.									
		3 HOURS OR 1 UNIT									
	77836	LECT		9-1020	TU TH	207	PSYCH BLDG			KIMBERLY	
SOC	374	PROBLEMS IN HUMAN ECOLOGY.									
		SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., V.M.S. 374.									
		PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S., OR ZOOL									
		369.									
		4 HOURS OR 1 UNIT									
		*ONE DISC HOUR TO BE ARRANGED.									
	77844	LECT-DISC	*11		M W F	393	BEV HALL				
SOC	386	METHODS OF FIELD RESEARCH.									
		SAME AS PSYCH. 386.									
		PREREQUISITE: SOC. 184 AND 185, OR PSYCH. 235.									
		3 HOURS, OR 1/2 OR 1 UNIT									
		*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER									
		STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE									
		PSYCHOLOGY 386.									
	77852	LECT-DISC	*A1	3-430	TU TH	300	L H			MCPHAIL	
	77861	LECT-DISC	*A2	3-430	TU TH	300	L H				
SOC	387	SOCIAL STATISTICS II.									
		PREREQUISITE: SOC. 385.									
		3 HOURS, OR 3/4 OR 1 UNIT									
	77879	LECT-DISC		1	M W F	340	L H			SOUTHWOOD	

COURSES FOR GRADUATES

SOC	406	RECENT DEVELOPMENTS IN SOCIOLOGICAL THEORY IN THE UNITED STATES.									
		PREREQUISITE: SOC. 300.									
		1 UNIT									
	77887	LECT-DISC		4-530	TU	330	L H			JOHNSON	

SOC	410	CROWD BEHAVIOR. PREREQUISITE: SOC. 386.						
	1 UNIT							
	77895	LECT-DISC	3-5	W	202	1204	W ORE	MCPHAIL
SOC	413	COMPUTER APPLICATIONS IN SOCIAL SCIENCE STATISTICAL RESEARCH. SAME AS C. S. AND PSYCH. 413. PREREQUISITE: SOC. 387 OR EQUIVALENT IN STATISTICS; MAY BE TAKEN CONCURRENTLY WITH SOC. 387.						
	1 UNIT							
	77909	LECT-DISC R	1-22C	TU TH	101	WOODSHOP		DICKMAN
SOC	414	SEMINAR ON SOCIAL INTERACTION. SAME AS COMM. 414. PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.						
	1 UNIT							
	77917	LECT-DISC	2-4	TU	333	L H		HULETT
SOC	416	SURVEY RESEARCH METHODS, II. *FOR CREDIT THIS COURSE MUST BE TAKEN IN THE SEMESTER FOLLOWING SOC. 415. *1 UNIT						
	77925	LAB-DISC	3-5	M	336	L H		DRUM
SOC	417	SEMINAR IN THE SOCIOLOGY OF LAW. PREREQUISITE: SOC. 317.						
	1 UNIT							
	77933	LECT-DISC	1-3	M	333	L H		GORECKI
SOC	418	SEMINAR IN INDUSTRIAL AND ECONOMIC SOCIOLOGY. SAME AS L.I.R. 418. PREREQUISITE: SOC. 318 OR CONSENT OF INSTRUCTOR.						
	1 UNIT							
	77941	LECT-DISC	10-12	W	43	L I R		KARSH
SOC	425	RACIAL AND CULTURAL MINORITIES. PREREQUISITE: UNDERGRADUATE MAJOR OR MINOR IN SOCIOLOGY OR ANTHROPOLOGY.						
	1 UNIT							
	77950	LECT-DISC	10-12	W	333	L H		KRONUS
SOC	429	SEMINAR IN THE SOCIOLOGY OF RELIGION. PREREQUISITE: SOC. 400.						
	1 UNIT							
	77968	LECT-DISC	10-12	TU	333	L H		WIEBE
SOC	449	THE SOCIOLOGY OF SPORT. SAME AS P. E. 449 PREREQUISITE: NINE HOURS OF SOCIOLOGY OR ANTHROPOLOGY INCLUDING A COURSE IN RESEARCH METHODS, OR CONSENT OF INSTRUCTOR.						
	1 UNIT							
	77976	LECT-DISC	1-330	F	207	H G		LUESCHEN
SOC	450	PROBLEMS OF SOVIET SOCIETY IN TRANSITION. PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 UNIT							
	77984	LECT-DISC	1-3	W	333	L H		GORECKI
SOC	457	ORGANIZATIONAL SCIENCES, II. SAME AS B. ADM. 411, POL. S. 461, AND PSYCH. 454. PREREQUISITE: SOC. 456.						
	1 UNIT							
	77992	LECT-DISC C	10-12	M	170	COM W		
SOC	476	URBAN COMMUNITIES AND URBANIZATION.						
	1 UNIT							
	78009	LECT-DISC	10-12	M	21	PSYCH BLDG		CHOLDIN
SOC	480	SOCIOLOGICAL THEORY AND METHOD.						
	1 UNIT							
	78017	LECT-DISC	7-9PM	W	336	L H		WOELFEL

SOC 485 THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS.
 SAME AS B. ADM. AND PSYCH. 485.
 PREREQUISITE: SOC. 387 OR ECON. 371, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 78025 LECT-DISC F 3-5 M 170 COM W

SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
 SAME AS R. SOC. 487.
 PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY,
 CONSENT OF INSTRUCTOR.
 1/2 OR 1 UNIT
 78033 CONF ARR

SOC 490 INDIVIDUAL TOPICS IN SOCIOLOGY.
 1/2 TO 2 UNITS
 78041 CONF A ARR STAFF
 78050 CONF B ARR STAFF

SOC 492 SEMINAR ON MODELS FOR DIRECTED CHANGE.
 SAME AS SOC. W. AND U. P. 492.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 1 UNIT
 78068 LECT-DISC 10-12 TU 336 L H CHOLDIN

SOC 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
 SAME AS ED. PSY. AND PSYCH. 494.
 PREREQUISITE: PSYCH. 307 OR ED. PSY. 496, CONSENT OF INSTRUCTOR.
 1 UNIT
 78076 LECT 10-12 F 13 PSYCH BLDG

SOC 499 THESIS RESEARCH.
 0 TO 4 UNITS
 78084 CONF ARR STAFF

SPANISH

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY-FOUR HOURS, EXCLUDING 101, 102, 103, 104, 115, AND INCLUDING 211, 212, 221, 222. A MINIMUM OF ONE COURSE MUST BE TAKEN FROM EACH OF THE FOLLOWING GROUPS: 1) SPANISH 241, 305, 306; 2) SPANISH 242, 307, 308; 3) SPANISH 309, 311, 314; 4) SPANISH 331, 332; 5) SPANISH 351, 352; LINGUISTICS 300, LINGUISTICS 302. AT LEAST TWO LITERATURE COURSES MUST BE TAKEN AT THE 300 LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, AND RUSSIAN.

COURSES FOR UNDERGRADUATES

SPAN 101 ELEMENTARY SPANISH, I.
 NO CREDIT TOWARD GRADUATION IS GIVEN FOR SPAN. 101 WITHOUT SPAN. 102.
 4 HOURS
 ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS T3-T22.
 *ALL STUDENTS ASSIGNED TO 101 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN STARRED SECTION.
 ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.

78092	LECT-DISC	A	8	TUWTHF	108	L H
78106	LECT-DISC	B	9	TUWTHF	154	ADMIN
78114	LECT-DISC	C	10	TUWTHF	108	L H

SPAN 101 CONTINUED

78122	LECT-DISC	C	11	TUWTHF	216	L H	
78360	LECT-DISC	*X	12	MTUWTH	4	G H	
78131	LECT-DISC	F	2	MTUWTH	108	L H	
78149	LECT-DISC	G	3	MTUWTH	154	ADMIN	
78157	LECT-DISC	H	4	MTUWTH	102	L H	
78165	LAB	T 3	8-830	TU	F	202	L H
78173	LAB	T 4	830-9	TU	F	202	L H
78181	LAB	T 5	9-930	TU	F	202	L H
78190	LAB	T 6	930-10	TU	F	202	L H
78203	LAB	T 7	10-1030	TU	F	202	L H
78211	LAB	T 8	1030-11	TU	F	202	L H
78220	LAB	T 9	11-1130	TU	F	202	L H
78238	LAB	T10	1130-12	TU	F	202	L H
78246	LAB	T11	12-1230	TU	F	202	L H
78254	LAB	T12	1230-1	TU	F	202	L H
78262	LAB	T13	1-130	TU	F	202	L H
78271	LAB	T14	130-2	TU	F	202	L H
78289	LAB	T15	2-230	TU	F	202	L H
78297	LAB	T16	230-3	TU	F	202	L H
78301	LAB	T17	3-330	TU	F	202	L H
78319	LAB	T18	330-4	TU	F	202	L H
78327	LAB	T19	4-430	TU	F	202	L H
78335	LAB	T20	430-5	TU	F	202	L H
78343	LAB	T21	5-530	TU	F	202	L H
78351	LAB	T22	530-6	TU	F	202	L H

SPAN 102 ELEMENTARY SPANISH, II.

PREREQUISITE: SPAN. 101 OR ONE YEAR OF HIGH SCHOOL SPANISH.
4 HOURS

SECTION 831 IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 101.

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS M3-M28.

*STARRED SECTION WILL MEET FIVE HOURS PER WEEK.

ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 102 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE STARRED SECTION. ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.

78378	LECT-DISC	A1	8	TUWTHF	154	ADMIN
78386	LECT-DISC	A2	8	TUWTHF	170	L H
78769	LECT-DISC	B1	9	TUWTHF	108	L H
78394	LECT-DISC	B2	9	TUWTHF	136	ARMORY
78408	LECT-DISC	D1	11	TUWTHF	217	G H
78416	LECT-DISC	D2	11	TUWTHF	151	ARMORY
78751	LECT-DISC	*X1	12	MTUWTHF	154	ADMIN
78424	LECT-DISC	X2	12	MTUWTH	152	ARMORY
78432	LECT-DISC	X3	12	MTUWTH	325	D K H
78441	LECT-DISC	E1	1	MTUWTH	102	L H
78459	LECT-DISC	E2	1	MTUWTH	224	D K H
78467	LECT-DISC	F1	2	MTUWTH	102	L H
78475	LECT-DISC	F2	2	MTUWTH	154	ADMIN
78483	LECT-DISC	G1	3	MTUWTH	216	L H
78491	LECT-DISC	G2	3	MTUWTH	170	L H
78505	LECT-DISC	H	4	MTUWTH	230	L H
78513	LAB	M 3	8-830	M W	202	L H
78521	LAB	M 4	830-9	M W	202	L H
78530	LAB	M 5	9-930	M W	202	L H
78548	LAB	M 6	930-10	M W	202	L H
78556	LAB	M 7	10-1030	M W	202	L H
78564	LAB	M 8	1030-11	M W	202	L H
78572	LAB	M 9	11-1130	M W	202	L H
78581	LAB	M10	1130-12	M W	202	L H
78599	LAB	M11	12-1230	M W	202	L H
78602	LAB	M12	1230-1	M W	202	L H
78611	LAB	M13	1-130	M W	202	L H
78629	LAB	M14	130-2	M W	202	L H
78637	LAB	M15*	2-230	M W	202	L H
78645	LAB	M16	230-3	M W	202	L H
78553	LAB	M17	3-330	M W	202	L H
78661	LAB	M18	330-4	M W	202	L H
78670	LAB	M19	4-430	M W	202	L H
78688	LAB	M20	430-5	M W	202	L H
78696	LAB	M21	5-530	M W	202	L H
78700	LAB	M22	530-6	M W	202	L H
78718	LAB	M25	7-730PM	M W	202	L H
78726	LAB	M26	730-8PM	M W	202	L H
78734	LAB	M27	8-830PM	M W	202	L H
78742	LAB	M28	830-9PM	M W	202	L H

SPAN 103 INTERMEDIATE SPANISH, I.

PREREQUISITE: SPAN. 102 OR TWO YEARS OF HIGH SCHOOL SPANISH.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS T3-T28.

78777	LECT-DISC	A1	8	TUWTHF	431	ARMORY
78785	LECT-DISC	A2	8	TUWTHF	176	L H
78793	LECT-DISC	X1	12	MTUWTH	224	D K H
78807	LECT-DISC	X2	12	MTUWTH	431	ARMORY
78815	LECT-DISC	E	1	MTUWTH	136	ARMORY
78823	LECT-DISC	F	2	MTUWTH	118	L H
78831	LECT-DISC	G	3	MTUWTH	108	L H
78840	LAB	T 3	8-830	M TH	202	L H
78858	LAB	T 4	830-9	M TH	202	L H
78866	LAB	T 5	9-930	M TH	202	L H
78874	LAB	T 6	930-10	M TH	202	L H
78882	LAB	T 7	10-1030	M TH	202	L H
78891	LAB	T 8	1030-11	M TH	202	L H
78904	LAB	T 9	11-1130	M TH	202	L H
78912	LAB	T10	1130-12	M TH	202	L H
78921	LAB	T11	12-1230	M TH	202	L H
78939	LAB	T12	1230-1	M TH	202	L H
78947	LAB	T13	1-130	M TH	202	L H
78955	LAB	T14	130-2	M TH	202	L H
78963	LAB	T15	2-230	M TH	202	L H
78971	LAB	T16	230-3	M TH	202	L H
78980	LAB	T17	3-330	M TH	202	L H
78998	LAB	T18	330-4	M TH	202	L H
79004	LAB	T19	4-430	M TH	202	L H
79012	LAB	T20	430-5	M TH	202	L H
79021	LAB	T21	5-530	M TH	202	L H
79039	LAB	T22	530-6	M TH	202	L H
79047	LAB	T25	7-730PM	M TH	202	L H
79055	LAB	T26	730-8PM	M TH	202	L H
79063	LAB	T27	8-830PM	M TH	202	L H
79071	LAB	T28	830-9PM	M TH	202	L H

SPAN 104 INTERMEDIATE SPANISH, II.

PREREQUISITE: SPAN. 103 OR THREE YEARS OF HIGH SCHOOL SPANISH.

4 HOURS

SECTION 8B IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 103.

STUDENTS MAY BE REQUIRED TO ATTEND A SPANISH PLAY OR FILM.

79080	LECT-DISC	A	8	TUWTHF	230	L H
79179	LECT-DISC	8B	9	TUWTHF	4	G H
79098	LECT-DISC	C1	10	TUWTHF	154	ADMIN
79101	LECT-DISC	C2	10	TUWTHF	152	ARMORY
79110	LECT-DISC	D	11	TUWTHF	4	G H
79128	LECT-DISC	X1	12	MTUWTH	136	ARMORY
79136	LECT-DISC	X2	12	MTUWTH	230	L H
79144	LECT-DISC	E	1	MTUWTH	4	G H
79152	LECT-DISC	F	2	MTUWTH	176	L H
79161	LECT-DISC	G	3	MTUWTH	176	L H

SPAN 107 READINGS IN SPANISH (RE: SPAIN).

PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.

3 HOURS

79187	LECT-DISC	12	M W F	137	ARMORY
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SPAN 108 READINGS IN SPANISH (RE: SPANISH AMERICAN).

PREREQUISITE: SPAN. 107.

3 HOURS

79195	LECT-DISC	12	M W F	170	L H
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SPAN 111 CONVERSATIONAL SPANISH.

PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.

4 HOURS

79209	LECT-DISC	12	MTUWTH	151	ARMORY
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SPAN 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

79217 CONF

ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES

SPAN 211 INTERMEDIATE COMPOSITION AND CONVERSATION, I.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.

3 HOURS

79225	LECT-DISC B	9	M W F	137	ARMORY
79233	LECT-DISC C	10	M W F	102	L H
79241	LECT-DISC D	11	M W F	154	ADMIN

SPAN 212 INTERMEDIATE COMPOSITION AND CONVERSATION, II.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 211 OR EQUIVALENT.

3 HOURS

79250	LECT-DISC A	9	M W F	4	G H
79268	LECT-DISC B1	9	M W F	151	ARMORY
79276	LECT-DISC B2	9	M W F	431	ARMORY
79284	LECT-DISC C	10	M W F	431	ARMORY
79292	LECT-DISC D	11	M W F	152	ARMORY
79306	LECT-DISC X	12	M W F	217	G H
79314	LECT-DISC E	1	M W F	137	ARMORY
79322	LECT-DISC F	2	M W F	137	ARMORY

SPAN 214 ADVANCED COMPOSITION AND CONVERSATION, II.

PREREQUISITE: SPAN. 213 OR EQUIVALENT.

3 HOURS

79331	LECT-DISC A	9	M W F	151	ARMORY
79349	LECT-DISC D	11	M W F	137	ARMORY

SPAN 215 SPOKEN SPANISH.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 212, SENIOR STANDING.

4 HOURS

79357	LECT-DISC Z1	2-4	MTWTH	217	G H
79365	LECT-DISC Z2	2-4	MTWTH	151	ARMORY

SPAN 221 SPANISH DRAMA AND POETRY OF THE TWENTIETH CENTURY.

PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.

3 HOURS

79373	LECT-DISC B	9	M W F	102	L H
79381	LECT-DISC D	11	M W F	108	L H

SPAN 222 SPANISH-AMERICAN PROSE FICTION OF THE TWENTIETH CENTURY.

PREREQUISITE: SPAN. 221.

3 HOURS

79390	LECT-DISC B	9	M W F	230	L H
79403	LECT-DISC C	10	M W F	118	L H
79411	LECT-DISC D	11	M W F	230	L H

SPAN 242 STUDIES IN MODERN SPANISH-AMERICAN LITERATURE.

PREREQUISITE: SPAN. 222 OR EQUIVALENT.

3 HOURS

79420	LECT-DISC	2	M W F	152	ARMORY
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MEEHAN

SPAN 280 TEACHERS COURSE.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 222 OR 211 AND 212.

2 HOURS

*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

79438	LECT-DISC *N	4-530	TU TH	118	L H
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FLORES

SPAN 292 SENIOR THESIS.

FOR CANDIDATES FOR HONORS IN SPANISH.

2 HOURS

79446	CONF	EA	ARR		
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STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPAN 305	ROMANTICISM AND REALISM IN NINETEENTH-CENTURY SPANISH LITERATURE. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT	79454	LECT-DISC	11	M W F	170	L H	LOTT
SPAN 306	THE GENERATION OF 1898. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT	79462	LECT-DISC	2	M W F	431	ARMORY	COWES
SPAN 310	CONTEMPORARY SPANISH-AMERICAN LITERATURE. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT	79471	LECT-DISC	9	M W F	176	L H	
SPAN 314	SPANISH DRAMA AND POETRY OF THE GOLDEN AGE. PREREQUISITE: SPAN. 305, 306, 307, OR 308, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	79489	LECT-DISC	10	M W	230	L H	HERSHBERG
SPAN 331	LA CULTURA HISPANICA: ESPANA. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	79497	LECT-DISC	10	TU TH	170	L H	FLORES
SPAN 332	LA CULTURA HISPANICA: HISPANICAMERICA. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT *WILL BE COMPLETED BEFORE THE SIX-WEEK STUDENT-TEACHING PERIOD.	79501	LECT-DISC *G	3	MTUWTH	230	L H	LERNER
SPAN 351	PHONETICS. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	79519	LECT-DISC M	9	TU TH	176	L H	WANNER
SPAN 352	SYNTAX. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	79527	LECT-DISC D	1	TU TH	176	L H	SALTARELLI
SPAN 382	LANGUAGE LABORATORY TECHNIQUES. SAME AS FR., GER., AND SLAV. 382. PREREQUISITE: 3 YEARS OF MODERN FOREIGN LANGUAGE AT THE COLLEGE LEVEL, OR THE EQUIVALENT. 2 HOURS OR 1/2 UNIT	79535	LECT-DISC	3	TU TH	236	L H	NACHTMANN

COURSES FOR GRADUATES

SPAN 401	READINGS IN SPANISH FOR GRADUATE STUDENTS. PREREQUISITE: SPAN. 400 OR CONSENT OF INSTRUCTOR. 4 HOURS	79543	LECT-DISC	8	TUWTHF	102	L H	
SPAN 411	SPANISH LITERATURE IN THE MIDDLE AGES. 1 UNIT	79551	LECT-DISC	9	TU TH	170	L H	BALDWIN
SPAN 415	RENAISSANCE AND BAROQUE PROSE IN SPAIN. PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT. 1 UNIT	79560	LECT-DISC	1	M W	152	ARMORY	HERSHBERG

SPAN	419	CERVANTES. PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT. 1 UNIT 79578	LECT-DISC	2	M W	230	L H	LERNER
SPAN	422	CONTEMPORARY SPANISH NOVEL AND ESSAY. 1 UNIT 79586	LECT-DISC	11	TU TH	230	L H	PASQUARIELLO
SPAN	423	MODERN SPANISH DRAMA. 1 UNIT 79594	LECT-DISC	2	TU TH	429	L B	PIETRANGEL
SPAN	425	RENAISSANCE AND BAROQUE POETRY IN SPAIN. 1 UNIT 79608	LECT-DISC	1	TU TH	230	L H	
SPAN	434	SPANISH-AMERICAN NOVEL: SOUTH AMERICA. PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT. 1 UNIT 79616	LECT-DISC	1	M W	431	ARMORY	MEEHAN
SPAN	435	SEMINAR IN SPANISH-AMERICAN POETRY. PREREQUISITE: SPAN. 431 OR 432. 1 UNIT 79624	LECT-DISC	2	TU TH	431	ARMORY	
SPAN	436	SEMINAR IN SPANISH-AMERICAN NOVEL. SAME AS C. LIT. 462. PREREQUISITE: SPAN. 433 OR 434. 1 UNIT 79632	LECT-DISC	10	M W	176	L H	LEAL
SPAN	439	THE SPANISH-AMERICAN SHORT STORY. PREREQUISITE: SPAN. 307, 308, OR 310, OR EQUIVALENT. 1 UNIT 79641	LECT-DISC	11	M W	118	L H	LEAL
SPAN	445	SEMINAR IN 20TH CENTURY SPANISH LITERATURE. PREREQUISITE: SPAN. 421 OR 422 OR 423 OR 424 OR EQUIVALENT. 1 UNIT 79659	LECT-DISC	1	TU TH	170	L H	LOTT
SPAN	452	SEMINAR IN SPANISH HISTORICAL LINGUISTICS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 79667	LECT-DISC	1	TU TH	152	ADMIN	BLAYLOCK
SPAN	454	OLD SPANISH. 1 UNIT 79675	LECT-DISC	2	TU TH	230	L H	BLAYLOCK
SPAN	462	INTRODUCTION TO ROMANCE LINGUISTICS. SAME AS LING., FR., ITAL. AND PORT. 462. 1/2 UNIT 79683	LECT-DISC	10	TU TH	176	L H	WANNER
SPAN	491	SPECIAL TOPICS IN SPANISH. 1/2 OR 1 UNIT 79691	CONF	ARR				STAFF
SPAN	499	THESIS RESEARCH. 0 TO 4 UNITS 79705	CONF	ARR				ALLEN, BLAYLOCK, FORSTER, KANE, LEAL, LOTT, PASQUARIEL, PIETRANGEL, PRETO-RODA, PORQUERAS

SPECIAL EDUCATION

DEPARTMENT OFFICE

210 EDUC

COURSES FOR UNDERGRADUATES

SP ED 117 EXCEPTIONAL CHILDREN.
 PREREQUISITE: SOPHOMORE STANDING AND/OR PSYCH. 100.
 3 HOURS
 79713 LECT-DISC 2 M W F 2 EDUC ROCK

SP ED 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION B: MANUAL COMMUNICATIONS.
 79721 CONF ARR 210 EDUC STAFF
 79730 CONF B ARR 210 EDUC BABBINI

COURSES FOR ADVANCED UNDERGRADUATES

SP ED 249 INDEPENDENT STUDY.
 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
 POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
 THE WORK.
 2 HOURS
 79748 CONF ARR 210 EDUC STAFF

SP ED 291 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 79756 CONF ARR 210 EDUC STAFF

SP ED 292 THESIS.
 PREREQUISITE: SENIOR STANDING.
 2 HOURS
 79764 CONF ARR 210 EDUC STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SP ED 316 THE GIFTED CHILD IN SCHOOL AND SOCIETY.
 PREREQUISITE: EDPsy. 211 OR 236; CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 TO 1 UNIT
 79772 LECT-DISC 4-6 TU 192 EDUC KARNES, TESKA
 AND ZEHRBACH

SP ED 317 PSYCHO-SOCIAL EDUCATIONAL ASPECTS OF DEAFNESS.
 PREREQUISITE: SP. ED. 117 AND PSYCH. 100 OR ED. PSY. 211.
 3 HOURS, OR 1/2 TO 1 UNIT
 79781 LECT-DISC 3-5 M 385 EDUC QUIGLEY

SP ED 318 WORKSHOP AND LABORATORY IN EDUCATION OF EXCEPTIONAL CHILDREN.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 4 TO 8 HOURS, OR 1 TO 2 UNITS
 79799 LECT-DISC B ARR 1005 W NEV CHALFANT
 79802 LECT-DISC E1 9-12 F 442 M H NECCO
 E1 1-3 F ARR
 79811 LECT-DISC E2 4-6 W 192 EDUC SCHULTZ

SP ED 320 SPECIAL EDUCATION OF THE DEAF, II.
 PREREQUISITE: SP. ED. 319.
 5 HOURS, OR 1 TO 2 UNITS
 *WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 79829 LECT-DISC *1-4 TU TH 6 COM W O'NEILL

SP ED 321 EDUCATION OF DISTURBED AND CONDUCT-PROBLEM CHILDREN.
 PREREQUISITE: SP. ED. 117 OR EQUIVALENT AND EDPsy. 236,
 OR EQUIVALENT.
 3 HOURS, OR 1/2 TO 1 UNIT
 79837 LECT-DISC 4-6 M 162 EDUC NECCO

SP ED 322	PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED, I.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	3 HOURS OR 1/2 UNIT						
	*WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.						
79845	LECT-DISC	*3-5	M W F	442	M H		UHLIR
SP ED 323	PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED, II.						
	PREREQUISITE: SENIOR STANDING IN SPECIAL EDUCATION AND CONSENT OF INSTRUCTOR.						
	3 HOURS OR 1/2 UNIT						
	*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.						
79853	LECT-DISC	*1-3	M W F	192	EDUC		JORDAN
SP ED 324	MENTAL AND EDUCATIONAL MEASUREMENT OF EXCEPTIONAL CHILDREN.						
	PREREQUISITE: SP. ED. 117, OR CONSENT OF INSTRUCTOR.						
	3 HOURS, OR 1/2 OR 1 UNIT						
	*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.						
79861	LECT-DISC	*10-12	TU TH	192	EDUC		ROCK
COURSES FOR GRADUATES							
SP ED 417	PSYCHO-EDUCATIONAL PROBLEMS OF EXCEPTIONAL CHILDREN.						
	PREREQUISITE: SIXTEEN HOURS OF PSYCHOLOGY AND/OR EDUCATION, OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
79870	LECT-DISC	7-9PM	M	166	EDUC		HENDERSON
SP ED 420	THE SOCIAL PSYCHOLOGY OF THE HANDICAPPED.						
	PREREQUISITE: SP. ED. 117 OR 417, AND ED. PSY. 312, OR CONSENT OF INSTRUCTOR.						
	1 UNIT						
79888	LECT-DISC B	1-3	W	6	COM W		NEWLAND
SP ED 444	REMEDICATION OF LEARNING DISABILITIES.						
	PREREQUISITE: SP. ED. 318R AND 419.						
	1 UNIT						
	*ADDITIONAL LAB HOURS TO BE ARRANGED.						
79896	PRACT	*ARR		11	1005 W NEV		CHALFANT
SP ED 449	INDEPENDENT STUDY.						
	PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.						
	*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.						
	*1/2 OR 1 UNIT						
79900	CONF	ARR					STAFF
SP ED 456	PROBLEMS AND TRENDS IN SPECIAL EDUCATION.						
	PREREQUISITE: CONSENT OF INSTRUCTOR.						
	1 TO 2 UNITS						
79918	LECT-DISC G	ARR		COL WCLFE	SCHOOL		KARNES, TEA AND ZEHRBA
SP ED 459	WORKSHOP IN CURRICULUM DEVELOPMENT.						
	1 TO 2 UNITS						
79926	LECT-DISC E	7-9PM	W	389	EDUC		SCHULTZ
79934	LECT-DISC G	ARR		COL WOLFE	SCHOOL		KARNES, TEA AND ZEHRBA
SP ED 490	SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.						
	OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.						
	1 TO 2 UNITS						
79942	LECT-DISC A	10-12	TU	6	COM W		SALVIA
79951	LECT-DISC H	7-9PM	TU	6	COM W		HURDER
SP ED 491	FIELD STUDY AND THESIS SEMINAR.						
	LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.						
	1 TO 2 UNITS						
79969	CONF	ARR		210	EDUC		STAFF
SP ED 499	THESIS RESEARCH.						
	0 TO 4 UNITS						
79977	CONF	ARR		210	EDUC		STAFF

SPEECH

DEPARTMENT OFFICE

133 L H

MAJOR: TWENTY HOURS IN SPEECH IN ADDITION TO SPCH. 101, 105, AND 141. AT LEAST FIVE OF THE TWENTY HOURS MUST BE IN COURSES NUMBERED 300 OR HIGHER; SPCH. 301 MUST BE INCLUDED. IN DECLARING A MAJOR IN SPEECH THE STUDENT MAY CHOOSE ONE OF THESE AREAS FOR EMPHASIS: GENERAL SPEECH, PUBLIC ADDRESS, INTERPRETATION, THEATRE ART, SPEECH SCIENCE AND PHONETICS, SPEECH CORRECTION AND AUDIOLOGY. THE STUDENT SHOULD REPORT TO 133 LINCOLN HALL TO BE ASSIGNED AN AREA ADVISER WITH WHOM HE MAY CONFER CONCERNING REQUIRED AND RECOMMENDED COURSES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED WITH THE APPROVAL OF THE STUDENT'S MAJOR ADVISER AND HIS DEPARTMENT HEAD. IF TWO MINOR SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE INCLUDED IN EACH. A MINOR PROGRAM IN ENGLISH MAY NOT INCLUDE MORE THAN THREE HOURS IN LITERATURE COURSES OPEN TO FRESHMEN AND SOPHOMORES AND MAY NOT INCLUDE RHET. 101, 102, 151, 271, AND 272. NO LANGUAGE COURSES MAY SATISFY THE MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THE LANGUAGE DEPARTMENTS.

NOTE: TWO TEACHER-TRAINING CURRICULA ARE OFFERED IN SPEECH. SEE THE CURRICULUM PREPARATORY TO SPEECH CORRECTION WORK AND THE CURRICULUM PREPARATORY TO THE TEACHING OF SPEECH.

LIMITED PARTICIPATION AS A SUBJECT IN LABORATORY OR CLASSROOM EXPERIMENTS MAY BE INCLUDED AS A PARTIAL REQUIREMENT IN 100 AND 200 LEVEL COURSES.

COURSES FOR UNDERGRADUATES

PCH 101	PRINCIPLES OF EFFECTIVE SPEAKING.									
	3 HOURS									
	*SECTION 6F IS RESERVED FOR SUPERIOR STUDENTS INCLUDING JAMES SCHOLARS.									
79985	LECT-DISC	A1	8	M	W	F	330	ARMORY		
79993	LECT-DISC	A2	8	M	W	F	130	L H		
80001	LECT-DISC	B1	9	M	W	F	330	ARMORY		
80010	LECT-DISC	B2	9	M	W	F	429	ARMORY		
80028	LECT-DISC	B3	9	M	W	F	130	L H		
80036	LECT-DISC	B4	9	M	W	F	132	L H		
80044	LECT-DISC	B5	9	M	W	F	242	M E B		
80052	LECT-DISC	C1	10	M	W	F	330	ARMORY		
80061	LECT-DISC	C2	10	M	W	F	429	ARMORY		
80079	LECT-DISC	C3	10	M	W	F	130	L H		
80087	LECT-DISC	C4	10	M	W	F	27	PSYCH BLDG		
80095	LECT-DISC	C5	10	M	W	F	242	M E B		
80109	LECT-DISC	D1	11	M	W	F	330	ARMORY		
80117	LECT-DISC	D2	11	M	W	F	429	ARMORY		
80125	LECT-DISC	D3	11	M	W	F	130	L H		
80133	LECT-DISC	D4	11	M	W	F	27	PSYCH BLDG		
80141	LECT-DISC	D5	11	M	W	F	242	M E B		
80150	LECT-DISC	X1	12	M	W	F	330	ARMORY		
80168	LECT-DISC	X2	12	M	W	F	130	L H		
80176	LECT-DISC	E1	1	M	W	F	330	ARMORY		
80184	LECT-DISC	E2	1	M	W	F	429	ARMORY		
80192	LECT-DISC	E3	1	M	W	F	130	L H		
80206	LECT-DISC	E4	1	M	W	F	145	L H		
80214	LECT-DISC	E5	1	M	W	F	242	M E B		
80419	LECT-DISC	*6F	2	M	W	F	49	L I R		CLARK
80222	LECT-DISC	F1	2	M	W	F	242	M E B		
80231	LECT-DISC	F2	2	M	W	F	429	ARMORY		
80249	LECT-DISC	F3	2	M	W	F	130	L H		
80257	LECT-DISC	G1	3	M	W	F	330	ARMORY		
80265	LECT-DISC	G2	3	M	W	F	130	L H		
80273	LECT-DISC	H1	4	M	W	F	330	ARMORY		
80281	LECT-DISC	L1	8-930	TU	TH		330	ARMORY		
80290	LECT-DISC	M1	9-1030	TU	TH		130	L H		
80303	LECT-DISC	M2	9-1030	TU	TH		145	L H		

SPCH 101 CONTINUED

80311	LECT-DISC	M3	9-1030	TU TH	242	M E B
80320	LECT-DISC	N1	930-11	TU TH	330	ARMORY
80338	LECT-DISC	P1	1030-12	TU TH	130	L H
80346	LECT-DISC	P2	1030-12	TU TH	145	L H
80354	LECT-DISC	P3	1030-12	TU TH	242	M E B
80362	LECT-DISC	P4	11-1230	TU TH	330	ARMORY
80371	LECT-DISC	P5	11-1230	TU TH	148	ADMIN
80389	LECT-DISC	R1	1230-2	TU TH	330	ARMORY
80397	LECT-DISC	R2	1-230	TU TH	130	L H
80401	LECT-DISC	T1	230-4	TU TH	130	L H

SPCH 105 VOICE AND ARTICULATION.
2 HOURS

80427	LECT	A	10	TU	66	LIB	PADEN
80435	LECT	B	9	W	314	L H	PADEN
80443	QUIZ	A1	11	TU TH	132	L H	
80451	QUIZ	A2	12	TU TH	132	L H	
80460	QUIZ	A3	1	TU TH	132	L H	
80478	QUIZ	A4	2	TU TH	132	L H	
80486	QUIZ	A5	3	TU TH	132	L H	
80494	QUIZ	B1	10	W F	132	L H	
80508	QUIZ	B2	11	W F	132	L H	
80516	QUIZ	B3	12	W F	132	L H	
80524	QUIZ	B4	2	W F	132	L H	

SPCH 107 PARLIAMENTARY PROCEDURE.
2 HOURS

80532	LECT-DISC	P	11	TU TH	255	ARMORY	MURPHY
80541	LECT-DISC	R	1-3	TU	300	L H	

SPCH 109 INTRODUCTION TO PHYSIOLOGICAL PHONETICS.
3 HOURS

80559	LECT-DISC		1	M W	304	L H	PADEN
80567	QUIZ	1	10	F	330	I H	
80575	QUIZ	2	11	F	330	I H	
80583	QUIZ	3	1	F	330	I H	

SPCH 111 VERBAL COMMUNICATION.
4 HOURS

80591	LECT		10	TU	304	L H
80605	DISC	A	8	M W F	116	L H
80613	DISC	C	10	M W F	116	L H
80621	DISC	X	12	M W F	116	L H

SPCH 112 VERBAL COMMUNICATION.
PREREQUISITE: SPCH. 111.
4 HOURS

80630	LECT	I	10	TU		AUDITORIUM	THOMAS
80648	LECT	2	1	TU		AUDITORIUM	THOMAS
80656	DISC	A1	8	M W F	143	A H	
80664	DISC	A2	8	M W F	148	ADMIN	
80672	DISC	A3	8	M W F	136	M E B	
80681	DISC	A4	8	M W F	148	ARMORY	
80699	DISC	A5	8	M W F	140	L H	
80702	DISC	A6	8	M W F	304	L H	
80711	DISC	B1	9	M W F	143	A H	
80729	DISC	B2	9	M W F	148	ADMIN	
80737	DISC	B3	9	M W F	136	M E B	
80745	DISC	B4	9	M W F	148	ARMORY	
80753	DISC	B5	9	M W F	140	L H	
80761	DISC	B6	9	M W F	116	L H	
80770	DISC	C1	10	M W F	143	A H	
80788	DISC	C2	10	M W F	148	ADMIN	
80796	DISC	C3	10	M W F	136	M E B	
80800	DISC	C4	10	M W F	148	ARMORY	
80818	DISC	C5	10	M W F	140	L H	
80826	DISC	C6	10	M W F	300	N L	
80834	DISC	D1	11	M W F	143	A H	
80842	DISC	D2	11	M W F	148	ADMIN	
80851	DISC	D3	11	M W F	136	M E B	
80869	DISC	D4	11	M W F	148	ARMORY	
80877	DISC	D5	11	M W F	140	L H	
80885	DISC	D6	11	M W F	116	L H	
80893	DISC	X1	12	M W F	143	A H	

SPCH 112 CONTINUED

80907	DISC	X2	12	M	W	F	148	ADMIN
80915	DISC	X3	12	M	W	F	136	M E B
80923	DISC	X4	12	M	W	F	148	ARMORY
80931	DISC	X5	12	M	W	F	140	L H
80940	DISC	X6	12	M	W	F	304	L H
80958	DISC	E1	1	M	W	F	143	A H
80966	DISC	E2	1	M	W	F	148	ADMIN
80974	DISC	E3	1	M	W	F	136	M E B
80982	DISC	E4	1	M	W	F	148	ARMORY
80991	DISC	E5	1	M	W	F	140	L H
81007	DISC	E6	1	M	W	F	116	L H
81287	DISC	&F1	2	M	W	F	143	A H
81015	DISC	F2	2	M	W	F	148	ADMIN
81023	DISC	F3	2	M	W	F	136	M E B
81031	DISC	F4	2	M	W	F	148	ARMORY
81040	DISC	F5	2	M	W	F	140	L H
81058	DISC	F6	2	M	W	F	116	L H
81066	DISC	G1	3	M	W	F	143	A H
81074	DISC	G2	3	M	W	F	148	ADMIN
81082	DISC	G3	3	M	W	F	136	M E B
81091	DISC	G4	3	M	W	F	148	ARMORY
81104	DISC	G5	3	M	W	F	140	L H
81112	DISC	H1	4	M	W	F	143	A H
81121	DISC	H2	4	M	W	F	148	ADMIN
81139	DISC	L1	8-930	TU	TH		143	A H
81147	DISC	L2	8-930	TU	TH		148	ADMIN
81155	DISC	M1	9-1030	TU	TH		136	M E B
81163	DISC	M2	9-1030	TU	TH		148	ARMORY
81171	DISC	N1	930-11	TU	TH		143	A H
81180	DISC	N2	930-11	TU	TH		148	ADMIN
81198	DISC	P1	1030-12	TU	TH		136	M E B
81201	DISC	P2	1030-12	TU	TH		148	ARMORY
81210	DISC	R1	1-230	TU	TH		143	A H
81228	DISC	R2	1-230	TU	TH		148	ADMIN
81236	DISC	R3	1-230	TU	TH		148	ARMORY
81244	DISC	S1	2-330	TU	TH		136	M E B
81252	DISC	T1	230-4	TU	TH		143	A H
81261	DISC	T2	230-4	TU	TH		148	ADMIN
81279	DISC	U1	330-5	TU	TH		136	M E B

SPCH 113 GROUP DISCUSSION AND CONFERENCE LEADERSHIP.

PREREQUISITE: SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.

3 HOURS

81295	LECT-DISC	B	9	M	W	F	262	ARMORY	SHADOW
81309	LECT-DISC	C	11	M	W	F	145	L H	MURPHY
81317	LECT-DISC	M	9-11	TU			429	ARMORY	ARMOLD
		M	9		TH		429	ARMORY	
81325	LECT-DISC	S	2-330	TU	TH		262	ARMORY	DELIA

SPCH 121 ADVANCED PUBLIC SPEAKING: THE LOGICAL BASES OF DISCOURSE.

PREREQUISITE: SPCH. 101, SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.

3 HOURS

81333	LECT-DISC	B	9	M	W	F	49	I. I R	HAYES
81341	LECT-DISC	C	10	M	W	F	255	ARMORY	CLARK
81350	LECT-DISC	D	11	M	W	F	49	L I R	WENZEL

SPCH 141 ORAL INTERPRETATION.

3 HOURS

*SECTION &F IS RESERVED FOR SUPERIOR STUDENTS--INCLUDING JAMES SCHOLARS.

81368	LECT-DISC	A1	8	M	W	F	255	ARMORY
81376	LECT-DISC	B1	9	M	W	F	255	ARMORY
81384	LECT-DISC	B2	9	M	W	F	392	L H
81392	LECT-DISC	C1	10	M	W	F	315	G H
81406	LECT-DISC	C2	10	M	W	F	392	L H
81414	LECT-DISC	D1	11	M	W	F	262	ARMORY
81422	LECT-DISC	X1	12	M	W	F	262	ARMORY
81431	LECT-DISC	X2	12	M	W	F	255	ARMORY
81449	LECT-DISC	E1	1	M	W	F	262	ARMORY
81457	LECT-DISC	E2	1	M	W	F	255	ARMORY
81520	LECT-DISC	*&F	2	M	W	F	315	G H
81465	LECT-DISC	G	3	M	W	F	221	G H

SPCH 141	CONTINUED						
81473	LECT-DISC	M1	830-10	TU TH	255	ARMORY	
81481	LECT-DISC	M2	9	TU	49	L I R	
		M2	9-11	TH	49	L I R	
81490	LECT-DISC	Q1	12-130	TU TH	49	L I R	
81503	LECT-DISC	Q2	12-130	TU TH	262	ARMORY	
81511	LECT-DISC	S1	130-3	TU TH	49	L I R	
SPCH 142	GROUP ORAL INTERPRETATION OF LITERATURE.						
	PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.						
	2 HOURS						
81538	LECT-DISC		11	TU TH	262	ARMORY	GOLDEN
SPCH 157	ELEMENTS OF STAGECRAFT.						
	SAME AS THEAT. 120.						
	4 HOURS						
	*SECTION A1 IS FOR TEACHING OF SPEECH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. THEATRE MAJORS SEE THEAT. 120.						
81546	LECT-DISC	*A1	1-3	TU TH	DRAMA	RHRS L KLAN	COLWIN
86349	LECT-DISC	*A2	1-3	TU TH	DRAMA	RHRS L KLAN	COLWIN
SPCH 161	FUNDAMENTALS OF ACTING.						
	SAME AS THEAT. 170						
	3 HOURS						
	*ALL OF THE #1 SECTIONS ARE FOR TEACHING OF SPEECH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN THE #2 SECTIONS. THEATRE MAJORS SEE THEAT. 170.						
81554	LECT-DISC	*B1	9	M W	160	ARMORY	JANECEK
		*B1	10	M	160	ARMORY	
86357	LECT-DISC	*B2	9	M W	160	ARMORY	JANECEK
		*B2	10	M	160	ARMORY	
81562	LECT-DISC	*B1	9		F	160	ARMORY
		*B1	10	W	F	160	ARMORY
86365	LECT-DISC	*C2	9		F	160	ARMORY
		*C2	10	W	F	160	ARMORY
81571	LECT-DISC	*B1	1	M W	160	ARMORY	BOWER
		*B1	2	W	160	ARMORY	
86373	LECT-DISC	*E2	1	M W	160	ARMORY	BOWER
		*E2	2	W	160	ARMORY	
81589	LECT-DISC	*B1	8	TU	160	ARMORY	BAILEY
		*B1	9	TU TH	160	ARMORY	
86381	LECT-DISC	*L2	8	TU	160	ARMORY	BAILEY
		*L2	9	TU TH	160	ARMORY	
81597	LECT-DISC	*B1	10	TU TH	160	ARMORY	BIBEE
		*B1	11	TU	160	ARMORY	
86390	LECT-DISC	*P2	10	TU TH	160	ARMORY	BIBEE
		*P2	11	TU	160	ARMORY	
81601	LECT-DISC	*B1	1	TU TH	160	ARMORY	BAILEY
		*B1	2	TU	160	ARMORY	
86403	LECT-DISC	*R2	1	TU TH	160	ARMORY	BAILEY
		*R2	2	TU	160	ARMORY	
SPCH 177	THE ARTS OF PUBLIC DISCOURSE.						
	4 HOURS						
81619	LECT-DISC	E	1	M W F	213	G H	HAYES
81627	QUIZ	1	10	TU	49	L I R	
81635	QUIZ	2	10	TH	429	ARMORY	
81643	QUIZ	3	11	TU	49	L I R	
81651	QUIZ	4	11	TH	429	ARMORY	
81660	QUIZ	5	1	TU	145	L H	
81678	QUIZ	6	1	TH	145	L H	
SPCH 178	THE ARTS OF THE THEATRE AND INTERPRETATIVE SPEECH.						
	4 HOURS						
81686	LECT-DISC	F	2	M W F	L H	THEATRE	TYMCHYSHYN
81694	QUIZ	1	11	TU	429	ARMORY	
81708	QUIZ	2	11	TH	49	L I R	
81716	QUIZ	3	1	TU	429	ARMORY	
81724	QUIZ	4	1	TH	429	ARMORY	
SPCH 198	FRESHMAN SEMINAR.						
	PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.						
	3 HOURS						
81732	LECT-DISC	EC	10	M W F	1205	W OREGON	MUELLER

SPCH 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 81741 CONF A ARR WILLARD

COURSES FOR ADVANCED UNDERGRADUATES

SPCH 203 DRAMATICS FOR TEACHERS.
 3 HOURS
 81759 LECT-DISC 11 M W F 160 ARMORY MITCHELL

SPCH 204 SPEECH FOR TEACHERS.
 3 HOURS
 81767 LECT-DISC 10 M W F 49 L I R BURNS

SPCH 207 THE ART OF THE SCREEN: HUMOR.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS
 81775 LECT-DISC 2 M W 330 ARMORY MUELLER
 2-4 TH 330 ARMORY

SPCH 208 SPEECH AND HEARING PROBLEMS IN THE CLASSROOM.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS
 81783 LECT-DISC 9 M W F 106 SP CLINIC ERICKSON

SPCH 211 BUSINESS AND PROFESSIONAL SPEAKING.
 PREREQUISITE: SPCH. 101.
 2 HOURS
 81791 LECT-DISC M 9 TU TH 262 ARMORY DOYLE
 81805 LECT-DISC N 10 TU TH 262 ARMORY DOYLE

SPCH 213 PERSUASION AND THE ARTS.
 3 HOURS
 81813 LECT-DISC 9 M W F 145 L H ARMOLD

SPCH 221 ADVANCED PUBLIC SPEAKING: THE PSYCHOLOGICAL BASES OF DISCOURSE.
 PREREQUISITE: SPCH. 101 AND JUNIOR STANDING.
 3 HOURS
 81821 LECT-DISC C 10 M W F 145 L H NICHOLS
 81830 LECT-DISC S 2-330 TU TH 255 ARMORY ANDERSEN

SPCH 247 TEACHING OF SPEECH.
 SAME AS SE. ED. 247.
 PREREQUISITE: SENIOR STANDING, 3.5 GRADE AVERAGE.
 5 HOURS
 81848 LECT-DISC 2-4 MTWTHF 145 L H INCE

SPCH 248 SPEECH CORRECTION METHODS IN THE SCHOOLS.
 SAME AS EL. ED. 248.
 PREREQUISITE: SPCH. 388.
 3 HOURS
 81856 LECT-DISC 10-12 TU TH 106 SP CLINIC JOHNSON
 3-5 TH 106 SP CLINIC

SPCH 255 FUNDAMENTALS OF PLAY DIRECTING.
 SAME AS THEAT. 281.
 PREREQUISITE: SPCH. 161 OR THEAT. 176, AND JUNIOR STANDING.
 3 HOURS
 81864 LECT-DISC B 9 M W STUDIO THTR KRAN ARBENZ
 B 10 M STUDIO THTR KRAN
 81872 LECT-DISC M 9 TU TH STUDIO THTR KRAN TYMCHYSHYN
 M 10 TH STUDIO THTR KRAN TYMCHYSHYN

SPCH 263 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
 SAME AS RHET. 263, R. TV. AND THEAT. 280.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3 HOURS
 81881 LECT-DISC E 1 W F A ENSEMBLE KRAN AULETTA
 E 2 W A ENSEMBLE KRAN
 81999 LECT-DISC R 1 TU TH A ENSEMBLE KRAN AULETTA
 R 2 TU A ENSEMBLE KRAN

SPCH 291 HONORS COURSE.
 PREREQUISITE: SENIOR STANDING, A GRADE-POINT AVERAGE OF 4.0 OR
 CONSENT OF HEAD OF DEPARTMENT.
 *STUDENTS MAY ACCUMULATE 4 HOURS.
 *2 HOURS
 81902 CONF AFR STAFF

SPCH 293 INDIVIDUAL TOPICS.
 PREREQUISITE: TEN HOURS OF SPEECH, GRADE-POINT AVERAGE OF 3.75,
 CONSENT OF HEAD OF DEPARTMENT.
 *STUDENTS MAY ACCUMULATE 4 HOURS.
 *2 HOURS
 81911 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPCH 301 GENERAL PHONETICS.
 PREREQUISITE: JUNIOR STANDING.
 3 HOURS, OR 1/2 OR 1 UNIT

81929	LECT-DISC	9	TU TH	304	L H	PADEN
81937	QUIZ	3	W	330	I H	
81945	QUIZ	4	W	330	I H	
81953	QUIZ	5	W	330	I H	
81961	QUIZ	6	W	330	I H	

SPCH 308 THE ART OF THE SCREEN: EXPOSITION AND PERSUASION.
 SAME AS COMM. 308.
 PREREQUISITE: SPCH. 307 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT

81970	LECT-DISC	3	M W	331	ARMORY	MUELLER
		3-5	F	331	ARMORY	

SPCH 312 AMERICAN PUBLIC ADDRESS.
 3 HOURS, OR 1/2 OR 1 UNIT

81988	LECT-DISC	10	M W F	121	L H	BROADRICK
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SPCH 313 INTERPERSONAL COMMUNICATION: DISCUSSION AND INTERVIEW.
 PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT
 WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.

81996	LECT-DISC	ARR		121	L H	INCE
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SPCH 321 THEORIES OF PERSUASION AND RHETORICAL PRACTICE.
 PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

82002	LECT-DISC	1	M W F	49	L I R	CLARK
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SPCH 323 RHETORICAL CRITICISM.
 PREREQUISITE: CREDIT OR CONCURRENT ENROLLMENT IN SPCH. 311 OR
 312 OR 322.
 3 HOURS, OR 1/2 OR 1 UNIT

82011	LECT-DISC	2	M W F	262	ARMORY	NICHOLS
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SPCH 342 ORAL INTERPRETATION OF POETRY.
 PREREQUISITE: SPCH. 141.
 3 HOURS, OR 1/2 OR 1 UNIT

82029	LECT-DISC	10	M W F	262	ARMORY	BURNS
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SPCH 344 CRITICISM OF THE ORAL INTERPRETATION OF LITERATURE.
 PREREQUISITE: SPCH. 141, OR GRADUATE STANDING OR CONSENT
 OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

82037	LECT-DISC	2-4	M F	255	ARMORY	MACLAY
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SPCH 345 CONTEMPORARY APPROACHES TO ORAL INTERPRETATION.
 PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
 3 HOURS, OR 1/2 OR 1 UNIT

82045	LECT-DISC	11	M W F	255	ARMORY	GOLDEN
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SPCH 352 INTRODUCTION TO MODERN THEATRE ART.
 SAME AS THEAT. 352.
 3 HOURS, OR 1/2 OR 1 UNIT

82053	LECT-DISC	2	M W F	CONF ROOM K	KRAN	AHART
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SPCH 362	HISTORY OF THE EUROPEAN THEATRE FROM THE RENAISSANCE TO 1900. SAME AS THEAT. 362. 3 HOURS, OR 1/2 OR 1 UNIT	82061	LECT-DISC	9 10	TU TU TH	CONF ROOM KRAN CONF ROOM KRAN	BEHRINGER
SPCH 363	ADVANCED DRAMATIC WRITING. SAME AS R. TV. 363 AND THEAT. 380. PREREQUISITE: SPCH. 263, CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS. *3 HOURS, OR 1/2 OR 1 UNIT	82070	LECT-DISC	3-6	M	CONF ROOM KRAN	AULETTA
SPCH 376	SPEECH SCIENCE, II. SAME AS LING. 376. PREREQUISITE: SPCH. 375 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT	82088	LECT-DISC LAB	2 ARR	M W F	304 L H	ZEMLIN
SPCH 386	BASIC DIAGNOSTIC AND THERAPEUTIC PRINCIPLES OF SPEECH CORRECTION. PREREQUISITE: SPCH. 385 AND CREDIT OR REGISTRATION IN 388. 3 HOURS OR 1/2 UNIT	82096	LECT-DISC	2-4 2	TU TH	330 I H 330 I H	JOHNSTON
SPCH 387	PRACTICUM IN SPEECH DIAGNOSIS AND THERAPY. PREREQUISITE: SPCH. 386, AND 389, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR. *STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS. *3 HOURS OR 1/2 UNIT	82100	LECT-DISC	2-4	M W F	106 SP CLINIC	JOHNSTON
SPCH 388	SPEECH CORRECTION. PREREQUISITE: SPCH. 385. 3 HOURS, OR 1/2 OR 1 UNIT	82118	LECT-DISC	9	M W F	304 L H	SIMPSON
SPCH 390	COMMUNICATION DISORDERS IN CHILDREN--HABILITATION AND REHABILITATION. PREREQUISITE: SPCH. 383. SENIOR OR GRADUATE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	82126	LECT-DISC	8	MTUWTH	106 SP CLINIC	
SPCH 392	SEMINAR IN DEVELOPMENT AND MEASUREMENT OF SPOKEN LANGUAGE. PREREQUISITE: SPCH. 383 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	82134	LECT-DISC	ARR			SHRINER
SPCH 393	AURAL REHABILITATION. REQUIRED IN THE CURRICULUM OF TEACHER TRAINING IN SPEECH CORRECTION. PREREQUISITE: SPCH. 391, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT	82142	LECT-DISC	10	M W F	304 L H	NASCA
SPCH 394	HEARING CONSERVATION. PREREQUISITE: SPCH. 391 AND 395. 3 HOURS, OR 1/2 OR 1 UNIT	82151	LECT-DISC	7-10PM	M	106 SP CLINIC	ONEILL
SPCH 395	AUDIOMETRY. PREREQUISITE: SPCH. 391 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *LABORATORY PERIOD TO BE ARRANGED.	82169	LECT-DISC	*11	M W F	304 L H	STARK

SPCH 398 PRACTICUM IN AUDIOLOGY.
 PREREQUISITE: SPCH. 389 AND 393.
 *STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH,
 FOR 3 CREDIT HOURS.
 *3 HOURS OR 1/2 UNIT
 82177 LECT 9 TU 106 SP CLINIC ERICKSON
 STARK

COURSES FOR GRADUATES

SPCH 430 CONTEMPORARY THEORIES OF ORAL COMMUNICATION.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 82185 LECT-DISC ARR 121 L H NEBERGALL

SPCH 436 SEMINAR IN THEORIES AND PROCEDURES OF DISCUSSION.
 1 UNIT
 82193 LECT-DISC ARR 121 L H MURPHY

SPCH 442 SEMINAR IN ORAL INTERPRETATION.
 PREREQUISITE: SPCH. 441, CONSENT OF INSTRUCTOR.
 1 UNIT
 82207 LECT-DISC 7-10PM TU 255 ARMORY MACLAY

SPCH 443 SEMINAR IN THE ORAL INTERPRETATION OF INDIVIDUAL LITERARY
 STYLES.
 PREREQUISITE: GRADUATE STANDING; SPCH. 344.
 *COURSE MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
 *1 UNIT
 82215 LECT-DISC 2-5 W 255 ARMORY BREEN

SPCH 452 PROBLEMS IN PLAY PRODUCTION IN THE EDUCATIONAL THEATRE.
 SAME AS THEAT. 452.
 1 UNIT
 82223 LECT-DISC 10 M W CONF ROOM KRAH SWANSON

SPCH 463 SEMINAR IN THE HISTORY OF ACTING.
 SAME AS THEAT. 463.
 *STUDENTS MAY ACCUMULATE TWO UNITS.
 *1 UNIT
 82231 LECT-DISC 11 TU TH CONF ROOM KRAH ARBENZ

SPCH 466 THE AMERICAN THEATRE SINCE 1900.
 SAME AS THEAT. 466.
 1 UNIT
 82240 LECT-DISC 11 M W F CONF ROOM KRAH HEWITT

SPCH 476 EXPERIMENTAL PHONETICS, II.
 SAME AS LING. 476.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 82258 LECT-DISC 11 M W F 324 I H DANILOFF

SPCH 481 SEMINAR IN NEUROPATHOLOGIES OF SPEECH AND LANGUAGE.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 *MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS.
 *1 UNIT
 THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH
 SEMESTER:
 *SECTION B: APHASIA.
 *SECTION C: CEREBRAL PALSY.
 82266 LECT-DISC *B 7-10PM TU 510 E CHALMERS SIMPSON
 82274 LECT-DISC *C 1-230 TU TH 116 L H SANDERS

SPCH 482 SEMINAR IN STUTTERING.
 PREREQUISITE: SPCH. 388.
 1 UNIT
 82282 LECT-DISC 1-3 M W 106 SP CLINIC SILVERMAN

SPCH 483 PSYCHOLOGY OF SPEECH AND HEARING DISORDERS, I.
 SAME AS PSYCH. 483.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1 UNIT
 82291 LECT-DISC 10-12 TU 324 I H DEMARCO
 11 TH 324 I H

SPCH 486 ADVANCED CLINICAL TECHNIQUES IN SPEECH AND HEARING.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 4 UNITS
 THE FOLLOWING TOPICS ARE OFFERED EACH SEMESTER:
 *SECTION A: THEORY OF CLINICAL PRACTICE.
 *SECTION B: SPEECH PATHOLOGY.
 *SECTION C: AUDIOLOGY.
 *SECTION D: LANGUAGE DISORDERS.
 *SECTION E: FIELD STUDY.
 82304 LECT-DISC *A 9-11 TH 132 L H SANDERS
 82312 LECT-DISC *B ARR
 82321 LECT-DISC *C ARR
 82339 LECT-DISC *D ARR
 82347 LECT-DISC *E ARR

SPCH 492 ADVANCED AUDIOLOGY.
 PREREQUISITE: SPCH. 395 AND 397.
 1 UNIT
 82355 LECT-DISC 3-5 M W 324 I H STARK

SPCH 495 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF THE HEAD OF THE DEPARTMENT.
 *OPEN TO MASTERS CANDIDATES FOR ONE UNIT, TO DOCTORS CANDIDATES FOR ONE OR TWO UNITS.
 *1 OR 2 UNITS
 *SECTION C: ADVANCED STATISTICS.
 *SECTION D: PHONETIC BEHAVIOR.
 *SECTION E: LANGUAGE EVALUATION.
 *SECTION F: SCALING OR CLINICAL RESEARCH TO MA.
 82410 CONF A ARR STAFF
 82428 CONF B ARR STAFF
 82371 CONF *C ARR DEMARCO
 82380 CONF *D ARR LOCKE
 82398 CONF *E ARR SHRINER
 82401 CONF *F ARR SILVERMAN
 82436 CONF G ARR DOYLE
 82363 CONF H ARR DELTA

SPCH 499 THESIS RESEARCH.
 0 TO 4 UNITS
 INSTRUCTORS: ANDERSEN, BEHRINGER, BROADRICK, BURNS, CLARK,
 DANILOFF, HEWITT, INCE, KIM, LOCKE, MACLAY,
 MURPHY, NEBERGALL, NICHOLS, O'NEILL, SCOTT,
 SHATTUCK, SHRINER, SILVERMAN, STARK, WENZEL,
 ZEMLIN
 82444 CONF ARR STAFF

THEATRE

DEPARTMENT OFFICE

4-122 KRANNERT CENTER

COURSES FOR UNDERGRADUATES

THEAT 100 PRACTICUM, I.									
PREREQUISITE: CONSENT OF INSTRUCTOR FOR NON-THEATRE MAJORS.									
1 TO 3 HOURS									
*FIVE HOURS TO BE ARRANGED.									
82452	LAB	B	*3	W		DRAMA RHRSL KRN		KRAFFT	
82461	LAB	P	*11	TU		DRAMA RHRSL KRN		KRAFFT	
THEAT 101 THEATRE: MODERN FORMS.									
4 HOURS									
82479	LECT-DISC		9	M	W F	CONF ROOM KRN		KRAFFT	
			10		F	CONF ROOM KRN		KRAFFT	
THEAT 102 THEATRE: CONTEMPORARY FORMS.									
PREREQUISITE: THEAT. 101.									
3 HOURS									
82487	LECT-DISC		11	M	W F	DRAMA RHRSL KRN		AHART	
THEAT 104 16TH AND 17TH CENTURY FORMS.									
PREREQUISITE: THEAT. 101.									
3 HOURS									
82495	LECT-DISC		1	M	W F	DRAMA RHRSL KRN		KRAFFT	
THEAT 112 MATERIALS AND PROCFSSES: WOODS AND METALS.									
2 HOURS									
*FIVE HOURS TO BE ARRANGED.									
82509	LAB-DISC		*9	TU TH		SCENE SHOP KRN		WORKS	
THEAT 113 MATERIALS AND PROCESSES: PAPER AND PLASTICS.									
2 HOURS									
*FOUR HOURS TO BE ARRANGED.									
82517	LAB-DISC		*10	M	W	SCENE SHOP KRN		LLEWELLYN	
THEAT 120 ELEMENTS OF STAGECRAFT.									
SAME AS SPCH. 157.									
4 HOURS									
*SECTION A1 IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS									
MUST ENROLL IN SECTION A2. SPEECH MAJORS SEE SPEECH 157.									
82525	LECT-DISC	*A1	1-3	TU TH		DRAMA RHRSL KRN		COLWIN	
82533	LECT-DISC	*A2	1-3	TU TH		DRAMA RHRSL KRN		COLWIN	
THEAT 121 SCENECRAFT.									
OPEN TO STUDENTS IN FINE AND APPLIED ARTS ONLY.									
2 HOURS									
*FOUR HOURS TO BE ARRANGED.									
82541	LECT-DISC	P	*11	TU TH		STUDIO THTR KRN		LLEWELLYN	
82550	LECT-DISC	R	*1	TU TH		STUDIO THTR KRN		WORKS	
THEAT 131 STAGE LIGHTING AND SOUND EFFECTS.									
3 HOURS									
82568	LECT-DISC	C	10	W		ORCH RHRSL KRN		BRADY	
		C	9-11		F	STUDIO THTR KRN			
82576	LECT-DISC	P*	11		TH	ORCH RHRSL KRN		BRADY	
		P	12	TU TH		STUDIO THTR KRN			
THEAT 140 COSTUME CONSTRUCTION.									
2 HOURS									
THREE HOURS TO BE ARRANGED.									
82584	LAB-DISC		*2-5	M		COSTUME SHP KRN		MESSMER	
THEAT 141 MAKEUP FOR THE THEATRE, I.									
2 HOURS									
*SECTION A1 IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS									
MUST ENROLL IN SECTION A2.									
82592	LAB-DISC	*A1	3-5	TU TH		PLAYHS DRES KRN		AMMONS	
82606	LAB-DISC	*A2	3-5	TU TH		PLAYHS DRES KRN		AMMONS	

THEAT 170 FUNDAMENTALS OF ACTING.
SAME AS SPCH. 161.

3 HOURS

*ALL OF THE #1 SECTIONS ARE FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN THE #2 SECTIONS. SPEECH MAJORS SEE SPEECH 161.

82614	LECT-DISC	*B1	9	M	W	160	ARMORY	BOWER
		*B1	10	M		160	ARMORY	
82673	LECT-DISC	*B2	9	M	W	160	ARMORY	BOWER
		*B2	10	M		160	ARMORY	
82622	LECT-DISC	*C1	9		F	160	ARMORY	JANECEK
		*C1	10	W	F	160	ARMORY	
82681	LECT-DISC	*C2	9		F	160	ARMORY	JANECEK
		*C2	10	W	F	160	ARMORY	
82631	LECT-DISC	*E1	1	M	W	160	ARMORY	JANECEK
		*E1	2	W		160	ARMORY	
82690	LECT-DISC	*E2	1	M	W	160	ARMORY	JANECEK
		*E2	2	W		160	ARMORY	
82649	LECT-DISC	*L1	8	TU		160	ARMORY	BAILEY
		*L1	9	TU	TH	160	ARMORY	
82703	LECT-DISC	*L2	8	TU		160	ARMORY	BAILEY
		*L2	9	TU	TH	160	ARMORY	
82657	LECT-DISC	*P1	10	TU	TH	160	ARMORY	BIBEE
		*P1	11	TU		160	ARMORY	
82711	LECT-DISC	*P2	10	TU	TH	160	ARMORY	BIBEE
		*P2	11	TU		160	ARMORY	
82665	LECT-DISC	*R1	1	TU	TH	160	ARMORY	BAILEY
		*R1	2	TU		160	ARMORY	
82720	LECT-DISC	*R2	1	TU	TH	160	ARMORY	BAILEY
		*R2	2	TU		160	ARMORY	

THEAT 172 SPEECH FOR THE STAGE: DIALOGUE.
PREREQUISITE: THEAT. 171.

2 HOURS

*SECTIONS N1, Q1, AND B1 ARE FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS N2, Q2, AND B2.

82738	LECT-DISC	*N1	10	TU TH	B ENSEMBLE KRAN	COLLINS
		*N1	11	TH	B ENSEMBLE KRAN	
82762	LECT-DISC	*N2	10	TU TH	B ENSEMBLE KRAN	COLLINS
		*N2	11	TH	B ENSEMBLE KRAN	
82746	LECT-DISC	*Q1	1	TU TH	B ENSEMBLE KRAN	COLLINS
		*Q1	2	TU	B ENSEMBLE KRAN	
82771	LECT-DISC	*Q2	1	TU TH	B ENSEMBLE KRAN	COLLINS
		*Q2	2	TU	B ENSEMBLE KRAN	
82754	LECT-DISC	*B1	12	M W F	CONF ROOM KRAN	BIBEE
82789	LECT-DISC	*B2	12	M W F	CONF ROOM KRAN	BIBEE

THEAT 174 MOVEMENT FOR THE STAGE: IMPROVISATION.

2 HOURS

*SECTION A1 IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

82797	LECT-DISC	A1	3-5	TU TH	DRAMA RHRSL KRAN	HOF SAS
82801	LECT-DISC	A2	3-5	TU TH	DRAMA RHRSL KRAN	HOF SAS

THEAT 175 MOVEMENT FOR THE STAGE: TECHNIQUES.

PREREQUISITE: THEAT. 174.

2 HOURS

82819	LECT-DISC	B	9-11	M W	DRAMA RHRSL KRAN	FRANKLIN-WHITE
82827	LECT-DISC	M	9-11	TU TH	DRAMA RHRSL KRAN	FRANKLIN-WHITE

THEAT 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

82835	CONF	ARR				STAFF
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COURSES FOR ADVANCED UNDERGRADUATES

THEAT 241 COSTUME DESIGN.

PREREQUISITE: THEAT. 140.

3 HOURS

82843	LAB-DISC		9-11	TU TH	DESIGN ROOM KRAN	BENSON
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THEAT 271 ACTING: STUDIO, I.

PREREQUISITE: SECOND SEMESTER JUNIOR STANDING IN THE ACTING OPTION OR CONSENT OF THE THEATRE FACULTY.

3 HOURS

82851	LECT-DISC		1-4	M	STUDIO THTR KRAN	COLLINS
			1-3	W	STUDIO THTR KRAN	

THEAT 272 ACTING: STYLES FOR PERIOD PLAYS.

PREREQUISITE: THEAT. 170 OR 176.

3 HOURS

82860 LECT-DISC

2

3

M W

M

DRAMA RHRSL KRN

DRAMA RHRSL KRN

FRANKLIN-WHITE

FRANKLIN-WHITE

THEAT 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.

SAME AS R. TV. 280 AND RHET. AND SPCH. 263.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS

82878 LECT-DISC

E

1

W F

A ENSEMBLE KRN

AULETTA

F

2

W

A ENSEMBLE KRN

82886 LECT-DISC

R

1

TU TH

A ENSEMBLE KRN

AULETTA

R

2

TU

A ENSEMBLE KRN

THEAT 281 DIRECTING, I.

SAME AS SPCH. 255.

PREREQUISITE: THEAT. 170 OR 176, AND JUNIOR STANDING.

3 HOURS

82894 LECT-DISC

B

9

M W

STUDIO THTR KRN

ARBENZ

B

10

M

STUDIO THTR KRN

82908 LECT-DISC

M

9

TU TH

STUDIO THTR KRN

TYMCHYSHYN

M

10

TH

STUDIO THTR KRN

THEAT 291 INDIVIDUAL TOPICS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

2 HOURS

82916 CONF

ARR

STAFF

THEAT 292 INDIVIDUAL TOPICS.

2 HOURS

82924 CONF

ARR

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

THEAT 300 PRACTICUM, II.

PREREQUISITE: FOR NON-THEATRE MAJORS; CONSENT OF INSTRUCTOR.

*MAY BE REPEATED TO A TOTAL OF 12 HOURS OR 2 UNITS

*1 TO 3 HOURS, OR 1/4 TO 1/2 UNIT

*FIVE HOURS TO BE ARRANGED.

82932 LAB

C

*12

TU

DRAMA RHRSL KRN

KRAFFT

82941 LAB

P

*11

TH

DRAMA RHRSL KRN

KRAFFT

THEAT 352 INTRODUCTION TO MODERN THEATRE ART.

SAME AS SPCH. 352.

3 HOURS, OR 1/2 OR 1 UNIT

82959 LECT-DISC

2

M W F

CONF ROOM KRN

AHART

THEAT 354 THEATRE FOR THE CHILD AUDIENCE.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

82967 LECT-DISC

11

M W F

STUDIO THTR KRN

TYMCHYSHYN

THEAT 362 HISTORY OF THE EUROPEAN THEATRE FROM THE RENAISSANCE TO 1900.

SAME AS SPCH. 362.

3 HOURS, OR 1/2 OR 1 UNIT

82975 LECT-DISC

9

TU

CONF ROOM KRN

BEHRINGER

10

TU TH

CONF ROOM KRN

THEAT 371 ACTING: STUDIO II.

PREREQUISITE: SECOND SEMESTER SENIOR STANDING IN THE ACTING OPTION

OR CONSENT OF THE THEATRE FACULTY.

3 HOURS OR 1/2 UNIT

82983 LECT-DISC

2-5

TU

STUDIO THTR KRN

ARBENZ

2-4

TH

STUDIO THTR KRN

THEAT 380 ADVANCED DRAMATIC WRITING.

SAME AS R. TV. AND SPCH. 363.

PREREQUISITE: THEAT. 280; CONSENT OF INSTRUCTOR.

*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.

*3 HOURS, OR 1/2 OR 1 UNIT

82991 LECT-DISC

3-6

M

CONF ROOM KRN

AULETTA

COURSES FOR GRADUATES

THEAT 452 PROBLEMS IN PLAY PRODUCTION IN THE EDUCATIONAL THEATRE.
SAME AS SPCH. 452.
1 UNIT
83008 LECT-DISC 10 M W CNF ROOM KRAN SWANSON

THEAT 463 SEMINAR IN THE HISTORY OF ACTING.
SAME AS SPCH. 463.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1 UNIT
83016 LECT-DISC 11 TU TH CNF ROOM KRAN ARBENZ

THEAT 466 THE AMERICAN THEATRE SINCE 1900.
SAME AS SPCH. 466.
1 UNIT
83024 LECT-DISC 11 M W F CNF ROOM KRAN HEWITT

THEAT 491 SPECIAL PROBLEMS.
1/2 TO 2 UNITS
83032 CONF ARR STAFF

THEORETICAL AND APPLIED MECHANICS

DEPARTMENT OFFICE

212 T L

COURSES FOR UNDERGRADUATES

T A M 150 ANALYTICAL MECHANICS--STATICS.
PREREQUISITE: PHYCS. 101 OR 106 OR D. G. S. 141 AND REGISTRATION IN MATH. 142 OR 143.
2 HOURS
83041 LECT-DISC L 8 TU TH 105G WOODSHOP
83059 LECT-DISC M 9 TU TH 105G WOODSHOP
83067 LECT-DISC R 1 TU TH 105G WOODSHOP
83075 LECT-DISC S 2 TU TH 105G WOODSHOP

T A M 152 ENGINEERING MECHANICS, I--STATICS.
PREREQUISITE: PHYCS. 106 AND REGISTRATION IN MATH. 142 OR 143.
3 HOURS
83083 LECT-DISC C 10 M W F 102 WOODSHOP
83091 LECT-DISC G 3 M W F 102 WOODSHOP

T A M 154 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR 143.
4 HOURS
83105 LECT-DISC B 9 MTU THF 105F WOODSHOP
83113 LECT-DISC C 10 MTU THF 105F WOODSHOP
83121 LECT-DISC D 11 MTU THF 105F WOODSHOP
83130 LECT-DISC E 1 MTU THF 105F WOODSHOP
83148 LECT-DISC F 2 MTU THF 105F WOODSHOP

T A M 156 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR 143.
5 HOURS
83156 LECT-DISC B 9 MTUWTHF 105B WOODSHOP
83164 LECT-DISC F 2 MTUWTHF 105B WOODSHOP

T A M 171 ELEMENTS OF MECHANICS.
FOR NON-ENGINEERING STUDENTS WHO DO NOT TAKE CALCULUS.
PREREQUISITE: MATH. 122.
3 HOURS
83172 LECT-DISC B1 9 M W F 102 WOODSHOP
83181 LECT-DISC B2 9 M W F 104 WOODSHOP
83199 LECT-DISC E 1 M W F 104 WOODSHOP
83202 LECT-DISC H 4 M W F 104 WOODSHOP
83211 LECT-DISC S 230-4 TU TH 102 WOODSHOP

T A M 172 STRENGTH OF MATERIALS.

PREREQUISITE: T. A. M. 171.

3 HOURS

83229	LECT-DISC	E	1	M	W	F	102	WOODSHOP
83237	LECT-DISC	F	2	M	W	F	102	WOODSHOP

T A M 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

83245	CONF	ARR
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COURSES FOR ADVANCED UNDERGRADUATES

T A M 211 ANALYTICAL MECHANICS--DYNAMICS.

PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.

3 HOURS

83253	LECT-DISC	B	9	M	W	F	105G	WOODSHOP
83261	LECT-DISC	C	10	M	W	F	105G	WOODSHOP
83270	LECT-DISC	G	3	M	W	F	105G	WOODSHOP

T A M 212 ENGINEERING MECHANICS, II--DYNAMICS.

PREREQUISITE: PHYCS. 106, T. A. M. 152, MATH. 143.

3 HOURS

83288	LECT-DISC	B	9	M	W	F	306B	T L
83296	LECT-DISC	D	11	M	W	F	105G	WOODSHOP
83300	LECT-DISC	E	1	M	W	F	105G	WOODSHOP
83318	LECT-DISC	M	930-11	TU	TH		105C	WOODSHOP

T A M 221 ELEMENTARY MECHANICS OF DEFORMABLE BODIES.

PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.

3 HOURS

83326	LECT-DISC	A	8	M	W	F	102	WOODSHOP
83334	LECT-DISC	C1	10	M	W	F	104	WOODSHOP
83342	LECT-DISC	C2	10	M	W	F	105C	WOODSHOP
83351	LECT-DISC	D1	11	M	W	F	104	WOODSHOP
83369	LECT-DISC	D2	11	M	W	F	105B	WOODSHOP
83377	LECT-DISC	F	1	M	W	F	105B	WOODSHOP
83385	LECT-DISC	F	2	M	W	F	104	WOODSHOP
83393	LECT-DISC	G	3	M	W	F	104	WOODSHOP
83407	LECT-DISC	M	930-11	TU	TH		102	WOODSHOP
83415	LECT-DISC	S	230-4	TU	TH		105C	WOODSHOP

T A M 223 MECHANICAL BEHAVIOR OF SOLIDS.

PREREQUISITE: REGISTRATION IN T. A. M. 221.

1 HOUR

83423	LAB	E	1-3	M			225	T L
83431	LAB	L	8-10		TH		225	T L
83440	LAB	N	10-12	TU			225	T L
83458	LAB	R	1-3		TH		225	T L
83466	LAB	T	3-5	TU			225	T L

T A M 224 BEHAVIOR OF MATERIALS.

PREREQUISITE: T. A. M. 221.

3 HOURS

83474	LECT-DISC	C	10	M	W	F	225A	T L
83482	LECT-DISC	D	11	M	W	F	225A	T L
83491	LECT-DISC	F	2	M	W	F	225A	T L

T A M 235 FLUID MECHANICS.

PREREQUISITE: T. A. M. 211 OR 212.

4 HOURS

83504	LECT-DISC	A*	8	M	W	F	305	T L
	LAB	A	8-10		TH		126	T L
83512	LECT-DISC	B	9	M	W	F	305	T L
	LAB	B	3-5		TH		126	T L
83521	LECT-DISC	C	10	M	W	F	305	T L
	LAB	C	10-12	TU			126	T L
83539	LECT-DISC	D	11	M	W	F	305	T L
	LAB	D	10-12		TH		126	T L
83547	LECT-DISC	E	1	M	W	F	305	T L
	LAB	E	3-5	TU			126	T L
83555	LECT-DISC	G	3	M	W	F	305	T L
	LAB	G	1-3	TU			126	T L
83563	LECT-DISC	F	2	M	W	F	305	T L
	LAB	F	8-10	TU			126	T L

T A M 294 SENIOR RESEARCH PROJECT.

PREREQUISITE: T. A. M. 293.

4 HOURS

83571 LECT-DISC R 1-3 TU TH 225A T L

T A M 299 THESIS.

PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.

3 HOURS

83580 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

T A M 311 MECHANICAL VIBRATIONS.

PREREQUISITE: T. A. M. 154 OR 156 OR 211 OR 212 AND 221.

*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.

*3 HOURS, OR 1/2 TO 1 UNIT

83598 LECT-DISC E 1 M W F 306B T L

T A M 314 ADVANCED DYNAMICS FOR ENGINEERS.

PREREQUISITE: T. A. M. 211 OR EQUIVALENT, MATH. 341 OR 345.

3 HOURS OR 1 UNIT

83601 LECT-DISC D 11 M W F 306B T L

T A M 315 ADVANCED DYNAMICS WITH APPLICATIONS TO ENGINEERING PROBLEMS.

PREREQUISITE: T. A. M. 314 OR EQUIVALENT.

3 HOURS OR 1 UNIT

83610 LECT-DISC A 8 M W F 306B T L

T A M 321 ADVANCED MECHANICS OF DEFORMABLE BODIES.

PREREQUISITE: T. A. M. 221 AND 223 OR 224.

3 HOURS, OR 1/2 TO 1 UNIT

83628 LECT-DISC F 2 M W F 306B T L

T A M 326 EXPERIMENTAL STRESS ANALYSIS.

PREREQUISITE: T. A. M. 150, 211, 212, 221, AND 223 OR 224.

3 HOURS, OR 1/2 TO 1 UNIT

83636 LAB-DISC N 10-12 TU TH 302C T L

T A M 334 FLUID MECHANICS AND ADVANCED HYDRAULICS.

PREREQUISITE: T. A. M. 235.

3 HOURS, OR 1/2 TO 1 UNIT

83644 LECT-DISC C 10 M W F 306B T L

T A M 335 DYNAMICS OF FLUIDS.

PREREQUISITE: T. A. M. 235.

3 HOURS, OR 3/4 OR 1 UNIT

83652 LECT-DISC C 10 M W F 105B WOODSHOP

T A M 346 DIMENSIONAL ANALYSIS AND THEORY OF MODELS.

3 HOURS, OR 1/2 OR 1 UNIT

83661 LECT-DISC H 4 M W F 306B T L

T A M 360 CONTINUUM MECHANICS, I.

PREREQUISITE: T. A. M. 351 OR EQUIVALENT.

3 HOURS OR 1 UNIT

83679 LECT-DISC N 10-1130 TU TH 105G WOODSHOP

T A M 373 ENGINEERING ACOUSTICS.

SAME AS E. E. 373.

PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 TO 1 UNIT

83687 DISC D 11 M W F 169 E E B

COURSES FOR GRADUATES

T A M 400 SEMINAR IN ENGINEERING MECHANICS.

* MAY BE REPEATED.

*0 TO 1/4 UNIT

83695	LECT-DISC A	ARR		
83709	LECT-DISC J	ARR		
83717	LECT-DISC L	ARR		
83725	LECT-DISC N	ARR		
83733	LECT-DISC R	ARR		

BORESI
ROBERTSON
SINCLAIR
STIPPES
MILLER

T A M 412 VIBRATION ANALYSIS.

PREREQUISITE: T. A. M. 311 OR EQUIVALENT.

1 UNIT

83741	LECT-DISC R	1-220	TU TH	306B T L
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WILEY

T A M 418 STOCHASTIC PROCESSES IN ENGINEERING.

SAME AS A. A. E. 453.

PREREQUISITE: A. A. E. 452, E. E. 434, T. A. M. 417, OR EQUIVALENT.

1 UNIT

83750	LECT-DISC A	10-1130	TU TH	204 T B
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T A M 424 PROPERTIES OF ENGINEERING MATERIALS.

1/2 OR 1 UNIT

83768	LECT-DISC L	8-10	TU TH	225A T L
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CORTEN

T A M 426 STRESS AND DEFORMATION IN ENGINEERING COMPONENTS.

PREREQUISITE: T. A. M. 321 OR EQUIVALENT.

1/2 TO 1 UNIT

83776	LECT-DISC E	1	M W F	225A T L
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SIDEBOTTOM

T A M 432 THEORY OF FLOW OF VISCOUS FLUIDS.

PREREQUISITE: AN ELEMENTARY COURSE IN FLUID FLOW AND DIFFERENTIAL EQUATIONS.

1 UNIT

83784	LECT-DISC L	8-10	TU TH	305 T L
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ROBERTSON

T A M 442 APPLIED ANALYSIS IN ENGINEERING, II.

PREREQUISITE: MATH. 143.

1 UNIT

83792	LECT-DISC R	1-3	TU TH	305 T L
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COSTELLO

T A M 451 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS, I.

PREREQUISITE: T. A. M. 221, MATH. 343, 341 OR EQUIVALENT.

1 UNIT

83806	LECT-DISC N	10-12	TU TH	105B WOODSHOP
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MILLER

T A M 452 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS, II.

PREREQUISITE: T. A. M. 451.

1 UNIT

83814	LECT-DISC D	11	M W F	105C WOODSHOP
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BORESI

T A M 454 THEORY OF SHELLS.

PREREQUISITE: T. A. M. 451.

1 UNIT

83822	LECT-DISC G	3	M W F	105B WOODSHOP
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LANGHAAR

T A M 458 WAVE MOTION IN CONTINUOUS MEDIA.

PREREQUISITE: T. A. M. 311, 314, 451, MATH. 341, 342, 343, OR EQUIVALENT.

1 UNIT

83831	LECT-DISC E	1	M W F	105C WOODSHOP
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STIPPES

T A M 462 THEORY OF PLASTICITY.

PREREQUISITE: T. A. M. 451 OR EQUIVALENT.

1/2 OR 1 UNIT

83849	LECT-DISC N	10-1120	TU TH	225A T L
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SIDEBOTTOM

T A M 464 THEORY OF BUCKLING.
 PREREQUISITE: T. A. M. 416 AND 451.
 1/2 OR 1 UNIT
 83857 LECT-DISC F 2 M W F 105C WOODSHOP COSTELLO

T A M 467 THERMOMECHANICS IN NUCLEAR REACTOR SYSTEMS.
 SAME AS NUC. E. 467.
 PREREQUISITE: NUC. E. 401, OR CONSENT OF INSTRUCTOR.
 1 UNIT
 83865 LECT-DISC B 9 M W F 105C WOODSHOP BORESI

T A M 472 ADVANCED PHOTOELASTICITY.
 PREREQUISITE: T. A. M. 326 AND 451 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 83873 LAB-DISC L 830-10 TU TH 302C T L TAYLOR

T A M 493 ADVANCED INDEPENDENT STUDY--SPECIAL RESEARCH.
 1/2 TO 2 UNITS
 83890 CONF MIL 9 M W F 225A T L MILLER
 83881 CONF X ARR STAFF

T A M 499 THESIS RESEARCH.
 0 TO 4 UNITS
 83903 CONF X ARR STAFF

URBAN PLANNING

DEPARTMENT OFFICE

208 M H

COURSES FOR UNDERGRADUATES

U P 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION B: SELECTED TOPICS.
 SECTION H: PLANNING ORIENTATION--2 HOURS.
 83911 LECT-DISC B ARR STAFF
 83920 LECT-DISC H 4 W 100 1203 W CAL PATTON & STAFF

COURSES FOR ADVANCED UNDERGRADUATES

U P 236 URBAN PLANNING STUDIO, I.
 PREREQUISITE: L.A. 131 OR CONSENT OF INSTRUCTOR.
 5 HOURS
 83938 LAB-DISC 8-12 M W F 30 BEV HALL FREUND

U P 260 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
 2 TO 6 HOURS
 83946 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

U P 337 URBAN PLANNING STUDIO, II.
 PREREQUISITE: U.P. 236 OR CONSENT OF INSTRUCTOR.
 6 HOURS, OR 1 TO 1 1/2 UNITS
 *ADDITIONAL HOURS TO BE ARRANGED.
 83954 LAB-DISC *1-6 M W F 30 BEV HALL PATTON, STAFF

U P 338 URBAN PLANNING STUDIO, III.
 PREREQUISITE: U.P. 337 OR CONSENT OF INSTRUCTOR.
 6 HOURS, OR 1 TO 1 1/2 UNITS
 *ADDITIONAL HOURS TO BE ARRANGED.
 83962 LAB-DISC *1-6 M W F 30 BEV HALL HEUMANN, STAFF

U P 348 AIR POLLUTION SEMINAR.
 SAME AS AG. E., C. E., G. E., GEOG. M. E. AND V. M. 348
 PREREQUISITE: SENIOR OR GRADUATE STANDING.
 2 HOURS OR 1/2 UNIT
 83971 LECT-DISC 3-5 W 218 M E B *

U P 378 PLANNING LEGISLATION AND ADMINISTRATION.
 PREREQUISITE: POL. S. 150, 151 OR 305, 306, OR CONSENT OF
 INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 83989 LECT-DISC 1030-12 TU TH 153 A S L GOODMAN

U P 387 SURVEY OF REGIONAL PLANNING.
 PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 83997 LECT-DISC 9-1030 TU TH 153 A S L KEYES

COURSES FOR GRADUATES

U P 437 ADVANCED URBAN PLANNING STUDIO.
 PREREQUISITE: U. P. 337, 338 AND 374 OR CONSENT OF INSTRUCTOR.
 1 TO 2 UNITS
 *SECTION A: COLLABORATIVE URBAN DESIGN.
 *SECTION B: ENVIRONMENTAL PLANNING.
 *SECTION C: SOCIAL PLANNING.
 *SECTION D: PLANNING METHODS.
 *SECTION E: INTERGOVERNMENTAL PLANNING.

84003	LAB-DISC	*A	1-4	MTWTHF	403A	ARCH	STAFF
84011	LAB-DISC	*B	1-5	M W F	30	BEV HALL	BLAIR
84020	LAB-DISC	*H	1-5	M W F	30	BEV HALL	HEIFETZ
84038	LAB-DISC	*P	1-5	M W F	30	BEV HALL	STAFF
84046	LAB-DISC	*W	1-5	M W F	30	BEV HALL	WETMORE

U P 487 SEMINAR.
 PREREQUISITE: U. P. 374.
 1/2 UNIT
 *SECTION A: MATHEMATICS FOR PLANNERS.
 *SECTION B: SOCIAL PLANNING.
 *SECTION C: HOUSING.
 *SECTION D: TRANSPORTATION.
 *SECTION E: URBAN PLANNING LAW FOREST.
 *SECTION F: HISTORIC PRESERVATION.

84054	LECT-DISC	*A	8	M W F	ARR	BAGBY
84062	LECT-DISC	*B	ARR			HEIFETZ
84071	LECT-DISC	*C	ARR			HEUMANN
84089	LECT-DISC	*D	ARR			STUART
84097	LECT-DISC	*E	ARR			
84101	LECT-DISC	F	ARR			

U P 488 URBAN PLANNING RESEARCH.
 PREREQUISITE: U.P. 171 OR CONSENT OF INSTRUCTOR.
 1/2 TO 2 UNITS
 84119 CONF ARR STAFF

U P 499 THESIS RESEARCH.
 PREREQUISITE: GRADUATE STANDING IN URBAN PLANNING.
 1/2 TO 2 UNITS
 84127 CONF ARR STAFF

VETERINARY BIOLOGICAL STRUCTURE

DEPARTMENT OFFICE

335 V M

PROFESSIONAL COURSES

V R S 302 GROSS ANATOMY.

PREREQUISITE: V. B. S. 300 AND 301 OR CONSENT OF INSTRUCTOR.

4 HOURS

84135	LAB-DISC	10-12	TU TH	350	V M
		2-4	TU TH	350	V M

ST. CLAIR

V B S 303 MICROSCOPIC ORGANOLOGY.

PREREQUISITE: V. B. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.

3 HOURS

84143	LECT	1	TU TH	150	V M
84151	LAB	A	M W	334	V M
84160	LAB	B	2-4 M W	334	V M

LOVELL,
SAFANIE,
KOZLOWSKI

V B S 304 APPLIED ANATOMY.

PREREQUISITE: REGISTRATION IN THE THIRD YEAR OF THE VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

2 HOURS

84178	LECT-DISC	10	TU	150	V M
		1-3	M	350	V M

LOVELL

V B S 305 DEVELOPMENTAL ANATOMY.

PREREQUISITE: V. B. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.

3 HOURS

84186	LECT	1	M W F	150	V M
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SAFANIE

VETERINARY CLINICAL MEDICINE

DEPARTMENT OFFICE

103 S A C

PROFESSIONAL COURSES

V C M 364 DISEASES OF LARGE ANIMALS.

PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.

5 HOURS

84194	LECT	8	M F	150	V M
		8	TUWTH	253	V M

BRODIE, HATCH,
ERWIN

V C M 365 SPECIAL VETERINARY SURGERY.

PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

5 HOURS

84208	LECT	9	TUWTH	136	V M
	LAB	1-5	TU TH	CL RESEARCH BARN	

HARDENBROOK

V C M 366 CLINICAL AND LABORATORY PRACTICE.

PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.

2 HOURS

84216	LAB	1-4	W F	V C S A	
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STAFF

V C M 367 RADIOLOGY.

PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

2 HOURS

84224	LECT	10	M	136	V M
	LAB	10-12	W	334	V M

SLUSHER

V C M 372 VETERINARY JURISPRUDENCE AND ETHICS.

3 HOURS

84232	LECT-DISC	9	M F	150	V M
		10	W	150	V M

HANNAH, BOLEY

V C M 373 SEMINAR.
 PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
 1 HOUR
 84241 DISC 10 F 150 V M HATCH

V C M 374 CLINICAL AND LABORATORY PRACTICE.
 PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
 8 HOURS
 84259 LECT 11 W F 150 V M STAFF
 84267 LAB A 1-5 MTWTHF V C S A
 A 8-12 S V C S A
 A 11 MTU TH V C S A

V C M 375 REPRODUCTION, OBSTETRICS AND GENITAL DISEASES.
 PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM
 AND V. C. M. 363.
 2 HOURS
 84275 LECT 9 M 136 V M EAGELMAN
 LAB 2-12 F CL RESEARCH BARN

VETERINARY MEDICAL SCIENCE

DEPARTMENT OFFICE 141 V M

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M S 302 GROSS ANATOMY.
 PREREQUISITE: V. M. S. 300 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 84283 LAB-DISC 10-12 TU TH 350 V M ST. CLAIR
 2-4 TU TH 350 V M

V M S 303 MICROSCOPIC ORGANOLOGY.
 PREREQUISITE: V. M. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.
 3/4 UNIT
 84291 LECT 1 TU TH 150 V M
 84305 LAB A 3-10 M W 334 V M LOVELL,
 84313 LAB B 2-4 M W 334 V M SAFANIE,
 KOZLOWSKI

V M S 305 DEVELOPMENTAL ANATOMY.
 PREREQUISITE: V. M. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.
 3/4 UNIT
 84321 LECT 1 M W F 150 V M SAFANIE

V M S 316 VETERINARY PHYSIOLOGY AND PHARMACOLOGY.
 PREREQUISITE: V. M. S. 315 OR CONSENT OF INSTRUCTOR.
 1 UNIT
 84340 LECT-DISC 9 TU TH 253 V M JACKSON,
 84348 LAB A 4 F 136 V M NEWTON
 84356 LAB B 1-5 TU 266 V M
 1-5 TH 266 V M

V M S 319 PHARMACOLOGY.
 PREREQUISITE: CREDIT OR REGISTRATION IN V. M. S. 315 AND 316 AND
 CONSENT OF INSTRUCTOR.
 1 UNIT
 84364 LECT-DISC 1 M W F 253 V M HUBER, BORCHARDT
 84372 LAB A 9-12 F 266 V M
 84381 LAB B 2-5 F 266 V M

V M S 335 SPECIAL PATHOLOGY.
 PREREQUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
 1 UNIT
 84399 LECT 8 M 136 V M BEAMER
 10 TU TH 136 V M
 84402 LAB A 9-11 M W F 132 V M
 84411 LAB B 2-4 M W F 132 V M

V M S 336 HELMINTH PARASITES.
 PREREQUISITE: 20 HOURS IN CHEMISTRY OR ANIMAL BIOLOGY OR BOTH, CONSENT OF INSTRUCTOR.
 3/4 UNIT

84429	LECT		9	TU TH	136	V M	FITZGERALD, TODD
84437	LAB	A	1-4	TU	168	V M	
84445	LAB	B	1-4	TH	168	V M	

V M S 340 INTRODUCTION TO APPLIED STATISTICS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND HORT. 340.
 PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
 4 HOURS OR 3/4 UNIT

84453	LECT		9	TU TH	w109	T H	SEIF
84461	LAB-DISC	1	1-3	TU	w223	T H	
84470	LAB-DISC	2	3-5	TU	w223	T H	
84488	LAB-DISC	3	1-3	W	w121	T H	
84496	LAB-DISC	4	3-5	W	w223	T H	

V M S 374 PROBLEMS IN HUMAN ECOLOGY.
 SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., AND SOC. 374.
 PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOOL. 369.
 4 HOURS OR 1 UNIT
 *ONE DISCUSSION HOUR TO BE ARRANGED.

84500	LECT-DISC	*11		M W F	393	REV HALL	LEVINE
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V M S 392 SPECIAL PROBLEMS.
 PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM WITH GRADE POINT AVERAGE OF 3.5 OR ABOVE.
 *STUDENTS MAY ACCUMULATE ONE UNIT.
 *1/2 UNIT

84518	LAB		ARR				STAFF
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COURSES FOR GRADUATES

V M S 415 MECHANISMS OF MICROBIAL INFECTIONS.
 PREREQUISITE: MCBIO. 326 OR V. M. S. 332, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
 3/4 UNIT

84526	LECT-DISC		ARR				RISTIC
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V M S 417 MEDICAL MYCOLOGY.
 PREREQUISITE: MCBIO. 326, V. M. S. 332, OR EQUIVALENT.
 1 UNIT

84534	LAB-DISC		ARR				RHOADES, WATRACH
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V M S 419 ANIMAL VIROLOGY.
 SAME AS MCBIO. 419.
 PREREQUISITE: MCBIO. 326 AND 327 OR V. M. S. 331 AND 332; CHEM. 350 OR 354; CONSENT OF INSTRUCTOR
 3/4 UNIT

84542	LAB-DISC		10-12	M W F	ARR		MEYER
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V M S 425 EXPERIMENTAL PARASITOLOGY.
 SAME AS ZOOL. 425.
 PREREQUISITE: A LABORATORY COURSE IN PARASITOLOGY OR PROTOZOOLOGY, ORGANIC CHEMISTRY, CHEM. 350 AND STATISTICS.
 1 UNIT

84551	LECT-DISC		ARR				FITZGERALD, SILVERMAN
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V M S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
 SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND HORT. 440.
 PREREQUISITE: V. M. S. 340 OR EQUIVALENT.
 3/4 UNIT

84569	LECT		9	M W	w109	T H	SEIF
84577	LAB-DISC	1	1-3	TH	w223	T H	
84585	LAB-DISC	2	3-5	TH	w223	T H	

V M S 459 ADVANCED CORRELATIVE PATHOLOGY.
 PREREQUISITE: V. M. S. 303, 335, 445, 450, OR EQUIVALENT;
 CONSENT OF INSTRUCTOR.
 0 TO 1 1/2 UNITS
 84593 LAB-DISC ARR SIMON, WATRACH

V M S 461 ADVANCED VETERINARY PHARMACOLOGY.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 3/4 UNIT
 84607 LAB-DISC ARR LINK

V M S 463 RADIOISOTOPES IN BIOLOGICAL RESEARCH--PRINCIPLES AND PRACTICE.
 SAME AS AN. S. 463 AND BIOPH 463.
 PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS,
 PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR.
 3/4 UNIT

84615	LECT		11	M W	253	V M	ANDERSON,
84623	LAB	A	1-5	TU	232	V M	TWARDOK
84631	LAB	B	1-5	TH	232	V M	

V M S 490 SEMINAR.
 REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS VETERINARY MEDICAL
 SCIENCE.
 1/4 UNIT
 84640 DISC ARR WOODS

V M S 492 SPECIAL PROBLEMS.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/4 TO 1 UNIT
 84658 LAB ARR STAFF

V M S 499 THESIS RESEARCH.
 0 TO 4 UNITS
 84666 LAB ARR STAFF

VETERINARY MEDICINE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M 392 SPECIAL PROBLEMS.
 PREREQUISITE: PROFESSIONAL STANDING IN VETERINARY CURRICULUM AND
 GRADE POINT AVERAGE OF 3.5.
 *STUDENTS MAY ACCUMULATE 6 HOURS, OR 1 UNIT
 *3 HOURS OR 1/2 UNIT
 84674 LAB-DISC ARR STAFF

VETERINARY PATHOLOGY AND HYGIENE

DEPARTMENT OFFICE

61 V M

PROFESSIONAL COURSES

V P H 331 VETERINARY BACTERIOLOGY.

PREREQUISITE: FIRST YEAR STANDING IN VETERINARY MEDICINE CURRICULUM
OR CONSENT OF INSTRUCTOR.

5 HOURS

84682	LECT		11	M W F	136	V M	BRYAN,
84691	LAB	A	8-10	M W F	168	V M	KILLINGER,
84704	LAB	B	2-4	M W F	168	V M	RHOADES

V P H 335 SPECIAL PATHOLOGY.

PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.

5 HOURS

84712	LECT		8	M	136	V M	BEAMER
			10	TU TH	136	V M	SIMON
84721	LAB	A	9-11	M W F	132	V M	BYERLY
84739	LAB	B	2-4	M W F	132	V M	CAMERON

V P H 336 HELMINTH PARASITES.

PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.

3 HOURS

84747	LECT		3	TU TH	136	V M	FITZGERALD,
84755	LAB	A	1-4	TU	168	V M	TODD
84763	LAB	B	1-4	TH	168	V M	

V P H 337 CLINICAL PATHOLOGY CONFERENCE.

PREREQUISITE: THIRD YEAR STANDING IN PROFESSIONAL CURRICULUM.

0 CREDIT

84771	LECT-DISC		10	TH	150	V M	SIMON
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V P H 339 CLINICAL PATHOLOGY CONFERENCE.

PREREQUISITE: V. P. H. 337.

0 CREDIT

84780	LECT-DISC		10	TH	150	V M	SIMON
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V P H 341 FOOD HYGIENE AND PUBLIC HEALTH.

PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.

5 HOURS

84798	LECT-DISC		8-10	TUWTH	150	V M	WOODS, MARTIN, SCHNURENBER GRIGOR
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VETERINARY PHYSIOLOGY AND PHARMACOLOGY

DEPARTMENT OFFICE

263 V M

PROFESSIONAL COURSES

V P P 316 VETERINARY PHYSIOLOGY AND PHARMACOLOGY.									
PREREQUISITE: V. P. P. 315 OR CONSENT OF INSTRUCTOR.									
4 HOURS									
84801	LECT-DISC		9	TU TH	253	V M			JACKSON, NEWTON
			8	F	136	V M			
84810	LAB	A	1-5	TU	266	V M			
84828	LAB	B	1-5	TH	266	V M			
V P P 318 PHARMACOLOGY.									
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.									
4 HOURS									
84836	LECT-DISC		1	M W F	253	V M			LINK BORCHARD
84844	LAB	A	9-12	F	266	V M			
84852	LAB	B	2-5	F	266	V M			
V P P 324 VETERINARY NUTRITION.									
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.									
FIELD TRIP.									
3 HOURS									
84861	LECT		11	MTU TH	150	V M			MCQUEEN

VOCATIONAL AND TECHNICAL EDUCATION

DEPARTMENT OFFICE

347A EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

VOTEC 101 NATURE OF THE TEACHING PROFESSION.									
2 HOURS									
*SECTION G: AGRICULTURE.									
*SECTION L: HOME ECONOMICS.									
84879	LECT-DISC	*G	12	F	33	EDUC		STAFF	
		*G	10-12	TH	33	EDUC		STAFF	
84887	LECT-DISC	*L	10	TU	25	EDUC		GRIGGS	
		*L	10-12	TH	25	EDUC		GRIGGS	
VOTEC 181 INTRODUCTORY WOODWORK.									
4 HOURS									
*SECTION A FOR STUDENTS IN OCCUPATIONAL THERAPY CURRICULUM.									
84895	LECT	*A	2	M W F	48A	EDUC		SREDL	
	LAB	*A	3-5	M W F	48A	EDUC		STAFF	
VOTEC 182 ADVANCED COURSE IN WOODWORK.									
PREREQUISITE: VOTEC. 181.									
4 HOURS									
84909	LECT		9	M W F	48A	EDUC		BLOOM	
	LAB		10-12	M W	48A	EDUC		STAFF	
			10	F	48A	EDUC			
VOTEC 183 GENERAL METALWORK.									
4 HOURS									
84917	LECT	A	2-4	F	38	EDUC		WILSON	
	LAB	A	12-3	M W	38	EDUC		WILSON	
84925	LECT	B	2-4	F	38	EDUC		STAFF	
	LAB	B	3-6	M W	38	EDUC		STAFF	
VOTEC 188 GENERAL SHOP FOR ELEMENTARY AND SPECIAL EDUCATION TEACHERS.									
3 HOURS									
84933	LECT	A	2	TU TH	48A	EDUC		CAMPBELL	
	LAB	A	3-5	TU TH	48A	EDUC		CAMPBELL	
86331	LECT	B	9-12	TU TH	48A	EDUC			
	LAB	B	730-930 PM	TU TH	48A	EDUC			

VOTEC 189 SUPERVISED OCCUPATIONAL EXPERIENCE.
 PREREQUISITE: SOPHOMORE STANDING.
 *STUDENTS MAY ACCUMULATE SEVENTEEN HOURS.
 *2 OR 3 HOURS
 TOTAL ACCUMULATED HOURS TO BE DETERMINED IN CONSULTATION
 WITH ADVISOR.
 84941 PRACT ARR RZONCA

VOTEC 199 UNDERGRADUATE OPEN SEMINAR.
 *MAY BE REPEATED.
 *0 TO 9 HOURS
 SECTION A: AGRICULTURAL EDUCATION.
 84950 LECT-DISC A 7-9PM TH 33 EDUC HEMP

COURSES FOR ADVANCED UNDERGRADUATES

VOTEC 240 PRINCIPLES OF VOCATIONAL AND TECHNICAL EDUCATION.
 PREREQUISITE: VOTEC. 101 AND PSYCH. 100.
 2 HOURS
 *SECTION B: BUSINESS EDUCATION.
 *SECTION E: HOME ECONOMICS EDUCATION.
 84968 LECT-DISC *B 2 M W 33 EDUC PANCRAZIO
 84976 LECT-DISC *F 2 M W 22 EDUC SPITZE

VOTEC 249 INDEPENDENT STUDY.
 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
 POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
 THE WORK.
 2 HOURS
 *SECTION AG: AGRICULTURE EDUCATION.
 *SECTION BUS: BUSINESS EDUCATION.
 *SECTION HED: HOME ECONOMIC EDUCATION.
 *SECTION IED: INDUSTRIAL EDUCATION.
 84984 CONF *AG ARR STAFF
 84992 CONF *BUS ARR STAFF
 85009 CONF *HED ARR STAFF
 85017 CONF *IED ARR STAFF

VOTEC 271 TECHNIC AND CURRICULUM DEVELOPMENT FOR TEACHING DATA
 PROCESSING AND OFFICE MACHINES.
 3 HOURS
 85025 LECT 9 M W F 8 D K H MAHAFFEY
 LAB 1-3 TU TH 8 D K H PANCRAZIO

VOTEC 276 STUDENT TEACHING IN VOCATIONAL AGRICULTURE.
 PREREQUISITE: HP. ED. 201, AND VOTEC. 240 OR CONSENT OF INSTRUCTOR
 AND CONCURRENT ENROLLMENT IN VOTEC. 277.
 5 HOURS
 85033 PRACT ARR HEMP

VOTEC 277 PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION.
 PREREQUISITE: HP. ED. 201, AND VOTEC. 240 OR CONSENT OF INSTRUCTOR
 AND CONCURRENT ENROLLMENT IN VOTEC. 276.
 5 HOURS
 WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 85041 LECT-DISC 8-10 MTWTHF 28 EDUC THOMAS
 85050 LAB 1 10 MTWTHF 28 EDUC THOMAS
 85068 LAB 2 3-5 TU TH 28 EDUC THOMAS

VOTEC 278 VOCATIONAL EDUCATION IN HOME ECONOMICS FOR ADULTS.
 PREREQUISITE: SENIOR STANDING, REGISTRATION IN SE. ED. 241 AND
 ED. PR. 242.
 3 HOURS
 WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 *TWO HOURS TO BE ARRANGED.
 85076 LECT-DISC 9 MTWTHF 22 EDUC SPITZE

VOTEC 280 GENERAL DRAFTING.
 PREREQUISITE: G. E. 101 AND ARCH. 141.
 3 HOURS
 WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
 85084 LECT-DISC 9-12 TU TH 349 ARMORY TINKHAM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

VOTEC 349	SPECIAL STUDY AND INVESTIGATION IN VOCATIONAL AND TECHNICAL EDUCATION.				
	PREREQUISITE: CONSENT OF INSTRUCTOR; DEMONSTRATED ABILITY TO PURSUE SPECIAL STUDY OR INVESTIGATION PROPOSED.				
	2 TO 4 HOURS, OR 1/2 TO 1 UNIT				
	*SECTION A IS FOR AGRICULTURAL EDUCATION.				
	*SECTION B IS FOR BUSINESS EDUCATION.				
	*SECTION C IS FOR HOME ECONOMICS.				
	*SECTION D IS FOR INDUSTRIAL EDUCATION.				
	*SECTION E: GENERAL VOTEC.				
85092	CONF	*A	ARR		STAFF
85106	CONF	*B	ARR		STAFF
85114	CONF	*C	ARR		STAFF
85122	CONF	*D	ARR		STAFF
85131	CONF	*E	ARR		STAFF
VOTEC 381	PRINCIPLES OF VOCATIONAL EDUCATION.				
	3 HOURS, OR 1/2 OR 1 UNIT				
85149	LECT-DISC		7-930PM TU	25 EDUC	TOMLINSON
VOTEC 382	COOPERATIVE VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS.				
	2 TO 4 HOURS, OR 1/2 TO 1 UNIT				
	*SECTION B: BUSINESS. 4 HOURS OR 1 UNIT.				
85157	LECT-DISC	*B	7-9PM TU	28 EDUC	MAHAFFEY
VOTEC 383	DEVELOPMENT, ORGANIZATION, AND PRINCIPLES OF INDUSTRIAL EDUCATION.				
	3 HOURS, OR 1/2 OR 1 UNIT				
85165	LECT-DISC		7-930PM TH	28 EDUC	SREDL
VOTEC 387	TRAINING PROGRAMS IN INDUSTRY.				
	PREREQUISITE: JUNIOR STANDING IN INDUSTRIAL EDUCATION OR CONSENT OF INSTRUCTOR.				
	4 HOURS OR 1 UNIT				
85173	LECT-DISC		7-930PM M	25 EDUC	STAFF
VOTEC 388	SPECIAL TECHNIQUES OF TEACHING VOCATIONAL INDUSTRIAL SUBJECTS.				
	PREREQUISITE: JUNIOR STANDING AND TEN HOURS OF UNDERGRADUATE CREDIT IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES.				
	4 HOURS OR 1 UNIT				
85181	LECT-DISC		630-930PM W	25 EDUC	CAMPBELL

COURSES FOR GRADUATES

VOTEC 442	JUNIOR COLLEGE.				
	SAME AS HI. ED. 442.				
	1 UNIT				
85190	LECT-DISC		7-9PM W	330 ARMY	O'BANION
VOTEC 445	INVESTMENT IN HUMAN RESOURCES.				
	SAME AS L. I. R. 445.				
	PREREQUISITE: INTRODUCTORY COURSE IN ECONOMICS AND IN QUANTITATIVE METHODS.				
	1 UNIT				
85203	LECT-DISC		1-3 W	43 L I R	FOLK
VOTEC 449	INDEPENDENT STUDY.				
	PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.				
	*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.				
	*1/2 OR 1 UNIT				
	*SECTION A: AGRICULTURE.				
	*SECTION B: BUSINESS.				
	*SECTION C: HOME ECONOMICS.				
	*SECTION D: INDUSTRIAL EDUCATION.				
	*SECTION E: GENERAL VOTEC.				
85211	CONF	*A	ARR		STAFF
85220	CONF	*B	ARR		STAFF
85238	CONF	*C	ARR		STAFF
85246	CONF	*D	ARR		STAFF
85254	CONF	*E	ARR		STAFF

VOTEC 451	DIRECTING PERSONNEL DEVELOPMENT IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS EDUCATION.					
	PREREQUISITE: ONE UNIT IN VOCATIONAL AND TECHNICAL EDUCATION, OR CONSENT OF INSTRUCTOR.					
	1 UNIT					
85262	LECT-DISC	4-6	TU	22	EDUC	MATHER
VOTEC 459	WORKSHOP IN CURRICULUM DEVELOPMENT.					
	1/2 TO 2 UNITS					
85271	LECT-DISC	7-9PM	W	28	EDUC	STERN
VOTEC 475	ORGANIZING AND TEACHING AGRICULTURE MECHANICS.					
	PREREQUISITE: VOTEC. 276 AND 277 OR CONSENT OF INSTRUCTOR.					
	1/2 UNIT					
85289	LECT-DISC	430-630	M	28	EDUC	WILLIAMS
VOTEC 476	GUIDANCE IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS EDUCATION.					
	1 UNIT					
85297	LECT-DISC	7-9PM	M	28	EDUC	WALKER
VOTEC 489	CURRICULUM PROBLEMS AND TRENDS IN INDUSTRIAL EDUCATION.					
	PREREQUISITE: UNDERGRADUATE WORK IN VOCATIONAL AND TECHNICAL EDUCATION.					
	1 UNIT					
85301	LECT-DISC	7-930PM	TU	33	EDUC	STERN
VOTEC 489	ADMINISTRATION AND SUPERVISION OF VOCATIONAL AND TECHNICAL EDUCATION.					
	PREREQUISITE: CONSENT OF INSTRUCTOR.					
	1 UNIT					
85319	LECT-DISC	7-9PM	TH	25	EDUC	KARNES
VOTEC 490	SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.					
	OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION FOR THE DEGREES OF PH.D. OR ED.D.					
	1 TO 2 UNITS					
	*SECTION A: AGRICULTURE.					
	*SECTION B: BUSINESS.					
	*SECTION C: HOME ECONOMICS.					
	*SECTION D: INDUSTRIAL EDUCATION.					
	*SECTION E: GENERAL VOTEC.					
85327	CONF	*A	ARR			STAFF
85335	CONF	*B	ARR			STAFF
85343	CONF	*C	ARR			STAFF
85351	CONF	*D	ARR			STAFF
85360	CONF	*E	ARR			STAFF
VOTEC 491	FIELD STUDY AND THESIS SEMINAR.					
	LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.					
	1 TO 2 UNITS					
	*SECTION A: AGRICULTURE.					
	*SECTION B: BUSINESS.					
	*SECTION C: HOME ECONOMICS.					
	*SECTION D: INDUSTRIAL EDUCATION.					
	*SECTION E: GENERAL VOTEC.					
85378	CONF	*A	ARR			STAFF
85386	CONF	*B	ARR			STAFF
85394	CONF	*C	ARR			STAFF
85408	CONF	*D	ARR			STAFF
85416	CONF	*E	ARR			STAFF
VOTEC 499	THESIS RESEARCH.					
	0 TO 4 UNITS					
	*SECTION A: AGRICULTURE.					
	*SECTION B: HOME ECONOMICS.					
	*SECTION C: HOME ECONOMICS.					
	*SECTION D: INDUSTRIAL EDUCATION.					
	*SECTION E: GENERAL VOTEC.					
85424	CONF	*A	ARR			STAFF
85432	CONF	*B	ARR			STAFF
85441	CONF	*C	ARR			STAFF
85459	CONF	*D	ARR			STAFF
85467	CONF	*E	ARR			STAFF

YORUBA

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

YORUBA 202 ELEMENTARY YORUBA, II.

ALL STUDENTS ARE REQUIRED TO REGISTER FOR 3 HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.

PREREQUISITE: YORUBA 201 OR CONSENT OF INSTRUCTOR.

5 HOURS

OPEN TO FRESHMEN.

85475 LECT-DISC

2

MTUW F 311 D H

STAHLKE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

YORUBA 304 INTERMEDIATE YORUBA, II.

5 HOURS OR 1 UNIT

STUDENTS ARE REQUIRED TO REGISTER FOR THREE HOURS PER WEEK IN THE LANGUAGE LABORATORY.

OPEN TO FRESHMEN.

PREREQUISITE: YORUBA 303 OR CONSENT OF INSTRUCTOR.

86314 LECT-DISC

3

M W F 312 D H

ATIGLORE

ZOOLOGY

DEPARTMENT OFFICE

267 MORRILL HALL

MAJOR: BIOL. 110 AND 111, OR EQUIVALENT AS APPROVED BY THE DEPARTMENT OF ZOOLOGY, PLUS TWENTY HOURS IN SCHOOL OF LIFE SCIENCES COURSES AT THE 200 LEVEL OR ABOVE.

AT LEAST ONE COURSE MUST BE TAKEN IN EACH OF THE FOLLOWING AREAS: GENETICS AND DEVELOPMENT (ZOOLOGY 333, BIOL. 210, 211); CELLULAR AND PHYSIOLOGICAL ZOOLOGY; (ZOOLOGY 312, 331, BIOL. 307, PHYSYL. 301 AND 303, PHYSYL. 302 AND 304). ECOLOGY AND BEHAVIOR (ZOOLOGY 340, 342, 343, 345, 346, 369, BIOL. 310 AND BIOL. 312), MORPHOLOGY AND SYSTEMATICS (ZOOLOGY 232, 304, 318, 320, 321, 335).

ALSO REQUIRED ARE ONE YEAR OF PHYSICS, AT LEAST 3 SEMESTERS OF CHEMISTRY INCLUDING ORGANIC, AND MATHEMATICS THROUGH CALCULUS. COURSES IN BIOCHEMISTRY AND STATISTICS ARE HIGHLY RECOMMENDED.

MINORS: TWENTY HOURS IN ONE OR TWO OTHER DEPARTMENTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN. COMPLETION OF THE MAJOR REQUIREMENTS AUTOMATICALLY FULFILLS A CHEMISTRY-PHYSICS MINOR.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST MAINTAIN A GRADE POINT AVERAGE OF AT LEAST 4.0 IN ALL COURSES TAKEN WITHIN THE SCHOOL OF LIFE SCIENCES AND MUST SUBMIT A WRITTEN REPORT ON INDEPENDENT RESEARCH CONDUCTED UNDER THE SUPERVISION OF A FACULTY ADVISOR.

COURSES FOR UNDERGRADUATES

ZOO 104 ELEMENTARY ZOOLOGY.

4 HOURS

85483	LECT	A	9	TU TH	112	G H	INGLE
85491	LECT	B	3	TU TH	112	G H	
85505	LAB-DISC	1	8-10	M	338	N H B	
		1	8		338	N H B	
85513	LAB-DISC	2	7-10	M	418	N H B	
		2	8		418	N H B	
85521	LAB-DISC	3	10-12	M	338	N H B	
		3	10		338	N H B	
85530	LAB-DISC	4	10-12	M	418	N H B	
		4	10		418	N H B	
85548	LAB-DISC	5	1-3	M	338	N H B	
		5	1		338	N H B	
85556	LAB-DISC	6	1-3	M	418	N H B	
		6	1		418	N H B	
85564	LAB-DISC	7	3-5	M	338	N H B	
		7	3		338	N H B	
85572	LAB-DISC	8	3-5	M	418	N H B	
		8	3		418	N H B	
85581	LAB-DISC	9	8-10	TU	338	N H B	
		9	8	TH	326	N H B	
85599	LAB-DISC	10	8-10	TU	418	N H B	
		10	7	TH	326	N H B	
85602	LAB-DISC	11	10-12	TU	338	N H B	
		11	10	TH	326	N H B	
85611	LAB-DISC	12	10-12	TU	418	N H B	
		12	11	TH	326	N H B	
85629	LAB-DISC	13	1-3	TU	338	N H B	
		13	1	TH	326	N H B	
85637	LAB-DISC	14	1-3	TU	418	N H B	
		14	2	TH	326	N H B	
85645	LAB-DISC	15	3-5	TU	338	N H B	
		15	3	TH	326	N H B	
85653	LAB-DISC	16	3-5	TU	418	N H B	
		16	4	TH	326	N H B	
85661	LAB-DISC	17	8-10	W	338	N H B	
		17	9	F	338	N H B	
85670	LAB-DISC	18	8-10	W	418	N H B	
		18	9	F	418	N H B	
85688	LAB-DISC	19	10-12	W	338	N H B	
		19	11	F	338	N H B	
85696	LAB-DISC	20	10-12	W	418	N H B	
		20	11	F	418	N H B	
85700	LAB-DISC	21	1-3	W	338	N H B	
		21	2	F	338	N H B	
85718	LAB-DISC	22	1-3	W	418	N H B	
		22	2	F	418	N H B	
85726	LAB-DISC	23	3-5	W	338	N H B	
		23	4	F	338	N H B	
85734	LAB-DISC	24	3-5	W	418	N H B	
		24	4	F	418	N H B	
85742	LAB-DISC	25	8-10	TH	338	N H B	
		25	8	TU	326	N H B	
85751	LAB-DISC	26	8-10	TH	418	N H B	
		26	9	TU	326	N H B	
85769	LAB-DISC	27	10-12	TH	338	N H B	
		27	10	TU	326	N H B	
85777	LAB-DISC	28	10-12	TH	418	N H B	
		28	11	TU	326	N H B	
85785	LAB-DISC	29	1-3	TH	338	N H B	
		29	1	TU	326	N H B	
85793	LAB-DISC	30	1-3	TH	418	N H B	
		30	2	TU	326	N H B	
85807	LAB-DISC	31	3-5	TH	338	N H B	
		31	3	TU	326	N H B	
85815	LAB-DISC	32	3-5	TH	418	N H B	
		32	4	TU	418	N H B	

ZOO 107 EVOLUTION.

PREREQUISITE: SOPHOMORE STANDING.

*CREDIT WILL NOT BE GIVEN FOR BOTH ZOO 107 AND BIOL 115.

*3 HOURS

85823	DISC	9	M W F	151	E E B	KITZMILLER
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ZOO 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

85831	CONF	A	7-9PM	TU	162	N L	LEE
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COURSES FOR ADVANCED UNDERGRADUATES

ZOOL 232 COMPARATIVE VERTEBRATE ANATOMY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
 5 HOURS
 85840 LECT 1 M W F 349 ARMORY FPAZZETTA
 85858 LAB A 9-12 TU TH 330 N H B
 85866 LAB B 1-4 TU TH 330 N H B

ZOOL 246 VERTEBRATE SOCIAL ORGANIZATION.
 SAME AS PSYCH. AND SOC. 246.
 PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY.
 3 HOURS
 85874 LECT 10 M W F 202 H H BANKS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ZOOL 300 GENERAL SEMINAR.
 REQUIRED OF ALL GRADUATE STUDENTS BUT ALSO OPEN TO SENIORS WHOSE
 MAJOR IS ZOOLOGY.
 NO CREDIT
 85882 DISC 5 M 228 N H B
 ATTENTION IS ALSO CALLED TO THE FOLLOWING SPECIAL CLUBS AND
 SEMINARS: ANIMAL ECOLOGY CLUB. 5 PM W, 302 VIVARIUM.
 GENETICS SEMINAR--INTERDEPARTMENTAL. 4 PM, FIRST AND THIRD
 MONDAYS, 341 A S L.
 ENDOCRINOLOGY SEMINAR--INTERDEPARTMENTAL. FOR TOPICS, TIME, AND
 PLACE, SEE UNIVERSITY CALENDAR.
 PROTOZOOLOGY-PARASITOLOGY SEMINAR. SECOND TUESDAYS, 7.30 P M.
 167 VET MED.
 FOR DETAILS, SEE UNIVERSITY CALENDAR.

ZOOL 303 INDIVIDUAL TOPICS.
 PREREQUISITE: TWO YEARS OF ZOOLOGY, SENIOR STANDING, APPROVAL
 OF DEPARTMENT.
 2 TO 5 HOURS, OR 1/2 TO 1 UNIT
 85891 CONF EA ARR STAFF

ZOOL 312 ENDOCRINOLOGY.
 SAME AS PHYSL. 312.
 PREREQUISITE: PHYSL. 301 OR A COURSE IN BIOCHEMISTRY; CONSENT OF
 INSTRUCTOR.
 3 HOURS OR 3/4 UNIT
 85904 LECT 9 M W F 202 H H GORSKI

ZOOL 320 INVERTEBRATE ZOOLOGY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
 5 HOURS OR 1 UNIT
 85912 LECT 10 M W F 140 BUR HALL SWEENEY
 85921 LAB A 1-4 M W 208 N L
 85939 LAB B 9-12 TU TH 208 N L
 85947 LAB C 1-4 TU TH 208 N L

ZOOL 330 PRACTICAL MICROTECHNIQUE.
 PREREQUISITE: HISTOLOGY OR EMBRYOLOGY AND CONSENT OF INSTRUCTOR.
 3 HOURS OR 1/2 UNIT
 85955 LAB-DISC 2-5 TU TH 323 N H B ALGER

ZOOL 333 VERTEBRATE EMBRYOLOGY.
 PREREQUISITE: BIOL. 111 OR 251, OR EQUIVALENT.
 5 HOURS OR 1 UNIT
 85963 LECT 3 TU 228 N H B WATTERSON
 3-5 TH 228 N H B
 85971 LAB-DISC A 8-10 M W F 318 N H B
 85980 LAB-DISC B 10-12 M W F 318 N H B
 85998 LAB-DISC C 1-3 M W F 318 N H B
 86004 LAB-DISC D 9-12 TU TH 318 N H B

ZOOL 335 ORNITHOLOGY.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
 FIELD TRIPS.
 3 HOURS OR 1/2 UNIT

86012	LECT	11	TU TH	140	BUR HALL	KENDEIGH
86021	LAB-DISC A	8-11	W	302	VIVARIUM	
86039	LAB-DISC B	8-11	TH	302	VIVARIUM	
86047	LAB-DISC C	8-11	S	302	VIVARIUM	

ZOOL 337 ICHTHYOLOGY.
 PREREQUISITE: ZOOL. 232.
 3 HOURS OR 1/2 UNIT
 FIELD WORK TO BE ARRANGED.

86055	LECT	9	M W	102B	VIVARIUM	SHOEMAKER
	LAB	8-12	F	102B	VIVARIUM	

ZOOL 340 NATURAL HISTORY OF THE VERTEBRATES.
 PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT; CONSENT OF INSTRUCTOR.
 5 HOURS OR 1 UNIT

86063	LECT	1	W F	302	VIVARIUM	WILLSON
	LAB	8-12	S	302	VIVARIUM	
86071	LAB-DISC A	2-4	W	302	VIVARIUM	
86080	LAB-DISC B	2-4	F	302	VIVARIUM	

ZOOL 341 FIELD ECOLOGY.
 PREREQUISITE: CREDIT OR REGISTRATION IN ONE OF THE FOLLOWING:
 ZOOL. 304, 335, 336, 337, 338, 340, 345, AND CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 3 HOURS.
 *1 HOUR OR 1/4 UNIT

86098	LAB	ARR				GETZ
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ZOOL 352 VIRUSES, II.
 SAME AS BOT. AND MICROBIO. 352.
 PREREQUISITE: BOT./MICROBIO./ZOOL. 351 OR CONSENT OF INSTRUCTOR;
 BIOCHEMISTRY AND CALCULUS RECOMMENDED.
 3 HOURS OR 3/4 UNIT

86101	LECT	9	M W F	140	BUR HALL	BLACK AND REICHMAN
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COURSES FOR GRADUATES

ZOOL 402 MOLECULAR GENETICS.
 SAME AS BOT. AND MICROBIO. 402.
 PREREQUISITE: MICROBIO. 330 OR EQUIVALENT.
 3/4 UNIT

86110	LECT	10	M W F	231	N H B	STAFF
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ZOOL 406 PHYSIOLOGY OF REPRODUCTION
 SAME AS AN. S. 406.
 1 UNIT

86128	LAB-DISC	1-3	TU TH	135	A S L	NALBANDOV
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ZOOL 407 EVOLUTIONARY THEORY.
 PREREQUISITE: ONE COURSE IN GENETICS AND CONSENT OF INSTRUCTOR.
 1 UNIT

86136	LECT-DISC	11	TU TH	229	N H B	LEE
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ZOOL 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.
 SAME AS AN. S. 408.
 PREREQUISITE: CONSENT OF INSTRUCTOR.
 1/2 TO 1 UNIT

86144	LAB	ARR				DZIUK NALBANDOV
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ZOOL 412 ADVANCED ENDOCRINOLOGY
 SAME AS AN. S., D. S., AND PHYSIOL. 412.
 PREREQUISITE: PHYSIOL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
 *STUDENTS MAY ACCUMULATE 2 UNITS.
 *1/2 UNIT
 TOPIC: TO BE ANNOUNCED.

86152	DISC	730-10PM	M	140	BUR HALL	NALBANDOV, DZIUK, FOSTER GORSKI, JACKSON
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ZOOL	418	ADVANCED PROTOZOOLOGY. PREREQUISITE: ZOOL. 318 OR EQUIVALENT. FIELD TRIPS. 1 UNIT	86161	DISC	ARR							SMALL
ZOOL	420	EXPERIMENTAL INVERTEBRATE ZOOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR, AND ZOOL. 320 OR EQUIVALENT. 1 UNIT	86179	LECT-DISC	ARR							SWEENEY
ZOOL	422	ADVANCED PARASITOLOGY. PREREQUISITE: ZOOL. 321 OR EQUIVALENT. 1 UNIT	86187	LECT LAB	8 9-11	TU TH TU TH	326 326	N H B N H B				KRUIDENIER
ZOOL	433	TOPICS IN DEVELOPMENTAL BIOLOGY. PREREQUISITE: ZOOL. 367. *MAXIMUM CREDIT FOR MASTERS CANDIDATES ONE UNIT, DOCTORAL CANDIDATES THREE UNITS. *1/4 UNIT INSTRUCTORS: BROWN, DAVENPORT, NANNEY, STOCUM, WATTERSON. 1 UNIT	86195	DISC	ARR							
ZOOL	444	CONCEPTS IN ETHOLOGY. PREREQUISITE: ZOOL. 346. 1/2 UNIT	86209	DISC	ARR							BANKS
ZOOL	446	PHYSIOLOGICAL ECOLOGY. 1 UNIT	86217	LECT LAB	4 9-12	M W F S	302 201	VIVARIUM VIVARIUM				GETZ, KENDEIGH
ZOOL	447	ADVANCED ETHOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT	86225	LAB-DISC	1-5	TU TH	346	N H B				BANKS, SALMON
ZOOL	451	ADVANCED CELLULAR PHYSIOLOGY. SAME AS PHYSL. 451. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT *SECTION A TOPIC: BIOLOGY OF AGING. *SECTION B TOPIC: MOLECULAR ASPECTS OF FUNCTION OF CELL MEMBRANES. SECTIONS A AND B MAY BE TAKEN CONCURRENTLY.	86233 86241	DISC DISC	*A *B	730-930PM 730-930PM	TH W	501 501	BUR HALL BUR HALL			BEUTOW, DUCOF WILLIS, GORS JENDRASIAK
ZOOL	490	INDIVIDUAL RESEARCH. FOR MASTERS DEGREE CANDIDATES WHO ELECT TO WRITE A RESEARCH REPORT RATHER THAN A THESIS. PREREQUISITE: CONSENT OF ADVISER. *NO MORE THAN 3 UNITS MAY BE INCLUDED IN THE MASTERS DEGREE PROGRAM. *1/2 TO 3 UNITS	86250	CONF	ARR							STAFF

ZOO 499 THESIS RESEARCH.

3 TO 4 UNITS

ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF VERTEBRATES:

VERTEBRATE ANATOMY

FUNCTIONAL ANATOMY

VERTEBRATE PHYSIOLOGY

FRAZZETTA

PROSSER, FEATH

ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF INVERTEBRATES:

HELMINTHOLOGY

KRUIDENIER, SILVERMAN,
LEVINE

INVERTEBRATE ZOOLOGY

MATTESON, SWEENEY

INVERTEBRATE PHYSIOLOGY

PROSSER, SWEENEY

PARASITOLOGY

KRUIDENIER, SILVERMAN, ALGER

PROTOZOOLOGY

SMALL, LEVINE

EMBRYOLOGY AND BASIC KNOWLEDGE OF CELLS

AND TISSUES:

CYTOLOGY

DAVENPORT

DEVELOPMENTAL BIOLOGY

WHITT

EMBRYOLOGY AND REGENERATION

DAVENPORT, WATTERSON, STOCUM

TOXICOLOGY

INGLE

ULTRASTRUCTURE

HALL

ECOLOGY, PRINCIPLES OF TAXONOMY, NATURAL HISTORY:

ECOLOGY

KENDEIGH, WILLSON.

ETHOLOGY

GHEAT, GETZ

HERPETOLOGY

BANKS, HIRSCH, SALMON

ICHTHYOLOGY

SHOEMAKER, P. SMITH

LIMNOLOGY

MATTESON, BENNETT

MAMMALOGY

HOFFMEISTER, LEE, LELAND

ORNITHOLOGY

KENDEIGH

TAXONOMY

EADES

WILDLIFE

KENDEIGH, SHOEMAKER,
SANDERSON

GENETICS AND EVOLUTION:

GENETICS

KITZMILLER, NANNEY, BROWN,

EVOLUTIONARY THEORY

FRAZZETTA

86268

CONF

ARR

STAFF

NON-COMBINED FINAL EXAMINATION SCHEDULE

Second Semester, 1970-1971

Tuesday, June 1, to Wednesday, June 9, 1971

Note: This schedule does not apply to law and veterinary medicine courses or to combined-section examinations. These schedules will be announced separately by these colleges.

REQUIREMENT

Examinations must be taken at the close of each semester in all courses except those the character of which renders this unnecessary or impracticable.

TIME OF EXAMINATIONS

Instructors must give final examinations at the time specified unless a change is approved *in advance* by the Chancellor. Requests for change should be submitted through the executive officer of the department in which the course is offered and the dean of the appropriate college.

Undergraduate Students. Only the dean of the student's college may approve postponement of the final examination in *individual cases* of undergraduate students.

Graduate Students. The student's instructor is authorized to approve requests for postponement of the final examination in *individual cases* of graduate students.

EVENING EXAMINATIONS

Evening examinations *are not authorized* except for classes regularly scheduled through the semester to meet at 7:00 a.m., 12:00 noon, and after 4:00 p.m.. The evening hours for these examinations are specified in the published non-combined examination schedule.

IRREGULARLY SCHEDULED COURSES

The final examination in a sectional course having at *least two lectures per week at the same hour* must be scheduled according to the sequence (MWF or TTS) in which the lectures occur, irrespective of the credit hours in the course or the time of discussion or laboratory periods.

Examinations in multiple instructional courses combining one lecture with two or more discussion and/or laboratory periods *at the same hour* should be scheduled according to the sequence in which the discussion and/or laboratory periods fall, irrespective of the lecture hour.

Examinations in courses which include combinations of one meeting each of lecture, discussion, and laboratory, or any two of these, *at different hours* must be arranged by the instructors concerned within the established period. A conflict examination must be provided if necessary.

If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. This includes graduate seminars. For example, a course regularly meeting from 1:00 to 3:00 p.m. on Monday and Wednesday, or on Wednesday, Thursday, and Friday, must have the examination scheduled from 1:30 to 4:30 p.m. on Tuesday, June 1, *not* Monday, June 7, 1971.

For courses regularly meeting on half-hour schedules, e.g., 8:00 to 9:30 a.m. on MF, the half-hour periods should be disregarded, and the examination must be given according to the sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course would be given on Monday, June 7, from 8:00 to 11:00 a.m.

SINGLE MEETING CLASSES

Examinations for courses meeting only once a week for one or more hours are to be arranged by the instructors concerned *within the established examination period* (June 1 to June 9, 1971).

Final examinations for 300- and 400-numbered education courses meeting only once a week will be administered during the first week of the final examination period at the same time, in the same classroom, and on the same weekday scheduled for regular meetings of the course throughout the semester.

CONFLICTS

Non-combined examinations always have precedence over combined examinations, and departments giving combined-section examinations must care for conflicts with non-combined examinations.

Two or more examinations in sequence are not considered "conflicts."

LENGTH OF EXAMINATIONS

The *maximum* limit for undergraduate examinations shall be three hours, except by special arrangement in individual cases approved by the dean of the college concerned. At the discretion of the department, a shorter examination may be given.

Permission to use a room of more than 100 capacity should be requested by the instructor directly from the Office of Space Utilization, 237 Davenport House, extension 3-1230 or 3-1231, starting on May 10, 1971. Permission to use other rooms allocated to another department should be requested from the department to which the room has been allocated.

SUPERVISION OF EXAMINATIONS

Instructors must supervise all examinations and are responsible for seeing that there is no communication of any sort during the examination except with the instructor.

DISCIPLINE FOR ACADEMIC IRREGULARITIES

Cases of academic irregularities shall be handled by the respective schools and colleges, except that cases recommended for suspension or dismissal from the University shall be referred to the appropriate Subcommittee on Student Discipline. For details of procedure, consult Official Notice No. 73, Faculty Letter 78, May 28, 1964. (Revised regulations adopted by the Urbana-Champaign Senate, April 13, 1964, reprinted as Rule 32 in the 1970-1971 edition of *Regulations Applying to All Undergraduate Students*.)

MORNING CLASSES

(a) All courses meeting on the TTS sequence or a combination of the TTS and the MWF sequences.

Classes meeting at:

<i>Seven O'Clock</i>	<i>Eight O'Clock</i>	<i>Nine O'Clock</i>	<i>Ten O'Clock</i>	<i>Eleven O'Clock</i>	<i>Twelve O'Clock</i>
Tues., June 1	Tues., June 8	Tues., June 1	Wed., June 2	Thurs., June 3	Tues., June 8
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

(b) All courses meeting on the MWF sequence only.

Classes meeting at:

<i>Seven O'Clock</i>	<i>Eight O'Clock</i>	<i>Nine O'Clock</i>	<i>Ten O'Clock</i>	<i>Eleven O'Clock</i>	<i>Twelve O'Clock</i>
Tues., June 1	Mon., June 7	Wed., June 9	Fri., June 4	Sat., June 5	Thurs., June 3
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

AFTERNOON CLASSES

(a) All courses meeting on the TTS sequence, or a combination of the MWF and TTS sequences.

Classes meeting at:

<i>One O'Clock</i>	<i>Two O'Clock</i>	<i>Three O'Clock</i>	<i>Four O'Clock</i>	<i>Five O'Clock</i>	<i>After Five O'Clock</i>
Mon., June 7	Tues., June 1	Wed., June 2	Tues., June 8	Mon., June 7	Fri., June 4
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

(b) All courses meeting on the TTS sequence only.

Classes meeting at:

<i>One O'Clock</i>	<i>Two O'Clock</i>	<i>Three O'Clock</i>	<i>Four O'Clock</i>	<i>Five O'Clock</i>	<i>After Five O'Clock</i>
Fri., June 4	Thurs., June 3	Wed., June 9	Sat., June 5	Wed., June 2	Fri., June 4
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

CALENDAR

Second Semester, 1970-1971

- Feb. 1, Mon.....Lincoln's Birthday (not a University holiday).
- Feb. 1, Mon.-Feb. 6, Sat.....New Student Program.
- Feb. 3, Wed., 2:30 to 5:00 p.m.....Early registration (special permit required).
- Feb. 4, Thurs., 8:00 a.m.-
Feb. 6, Sat., 12:00 noon.....Registration of graduate and undergraduate students.
- Feb. 6, Sat., 8:00 a.m. to 12:00 noon...Registration of commuting teachers.
- Feb. 8, Mon., 7:00 a.m.....Instruction begins.
- Feb. 8, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Feb. 15, Mon.....Latest date for students currently enrolled to apply for student teaching assignment in fall or spring semester 1971-1972.
- Feb. 15, Mon.....Washington's Birthday (not a University holiday).
- Feb. 15, Mon.....Graduation date (no Commencement exercises).
- Feb. 18, Thurs., 5:00 p.m.....Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
- Feb. 22, Mon., 5:00 p.m.....Latest date for undergraduate students to add a new course.
- Mar. 2, Tues.....University Day (University opened 1868; not a holiday).
- Mar. 8, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- Mar. 29, Mon.....Earliest date for one-half credit if withdrawing from the University for military service (seven weeks' instruction completed).
- April 1, Thurs., 5:00 p.m.....Midsemester grades due.
- April 2, Fri., 5:00 p.m.....Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
- April 2, Fri., 5:00 p.m.....Latest date for undergraduate students to withdraw from a course without penalty.
- April 3, Sat., 1:00 p.m.....Spring vacation begins.
- April 9, Fri.....Good Friday (all University holiday).
- April 12, Mon., 1:00 p.m.....Spring vacation ends.
- April 12, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- April 28, Wed.-May 5, Wed.....Advance enrollment for fall, 1971 (continuing students).
- April 30, Fri.....Honors Day (classes dismissed at 12:00 noon).
- April 30, Fri.-May 2, Sun.....Campus Mother's Day weekend.
- May 7, Fri., 5:00 p.m.....Latest date to withdraw from the University without petitioning for readmission.
- May 10, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- May 11, Tues.....Earliest date for full credit if withdrawing from the University for military service (twelve weeks' instruction completed).
- May 27, Thurs.-May 28, Fri.....Registration for 1971 summer session off-campus courses, College of Law, and registration staff, including payment of tuition and fees.
- May 29, Sat.....Last day of instruction.
- May 31, Mon.....Memorial Day (all University holiday).
- June 1, Tues.-June 9, Wed.....Semester examinations.
- June 7, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.
- June 19, Sat.....Commencement.

Eight-Week Summer Session, 1971

May 27, Thurs.-May 28, Fri.....	Registration for 1971 Summer Session off-campus courses, College of Law, and student registration staff, including payment of tuition and fees.
June 7, Mon., 3:10 p.m.....	Meeting of Urbana-Champaign Senate.
June 7, Mon.-July 14, Wed.....	First session Summer Law Program.
June 11, Fri., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First five days.)
June 17, Thurs., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from eleven-week Law term. (First ten days.)
June 21, Mon.....	Registration.
June 22, Tues., 7:00 a.m.....	Instruction begins.
June 22, Tues.-Aug. 5, Thurs.....	Advance enrollment for fall, 1971 (freshmen, new transfers, and readmitted former students).
June 23, Wed., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First fifteen days.)
June 28, Mon.....	Latest date for undergraduate students to add a new course.
June 28, Mon., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eight-week session. (First five days.)
July 4, Sun.....	Independence Day.
July 5, Mon.....	Independence Day holiday (all University holiday).
July 15, Thurs.-Aug. 21, Sat.....	Second session Summer Law Program.
July 19, Mon.....	Beginning of second four-week courses.
July 19, Mon., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from eleven-week Law term. (First six weeks.)
July 19, Mon., 5:00 p.m.....	Latest date for undergraduate students to withdraw from a course without penalty.
July 20, Tues., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eight-week session. (First four weeks.)
July 20, Tues., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from second five and one-half week Law session. (First five days.)
July 21, Wed.....	Earliest date for one-half credit if withdrawing from the University for military service (four weeks' instruction completed), except Law.
July 23, Fri., 5:00 p.m.....	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from second four-week courses only. (First five days.)
July 28, Wed.....	Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1971.
July 29, Thurs.....	Latest date to withdraw from the University without petitioning for readmission.
July 30, Fri., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from second four-week courses only. (First two weeks.)
July 30, Fri., 5:00 p.m.....	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from second five and one-half week Law session. (First fifteen days.)
Aug. 4, Wed.....	Earliest date for full credit if withdrawing from the University for military service (six weeks' instruction completed), except Law.
Aug. 12, Thurs.....	Last day of instruction in eight-week session.
Aug. 13, Fri.-Aug. 14, Sat.....	Summer Session final examinations.
Aug. 16, Mon.....	August graduation date (no Commencement exercises).
Aug. 25, Wed.....	Latest date for domestic students, or foreign students who have attended a college or university in the United States, to apply for admission or readmission in September, 1971.

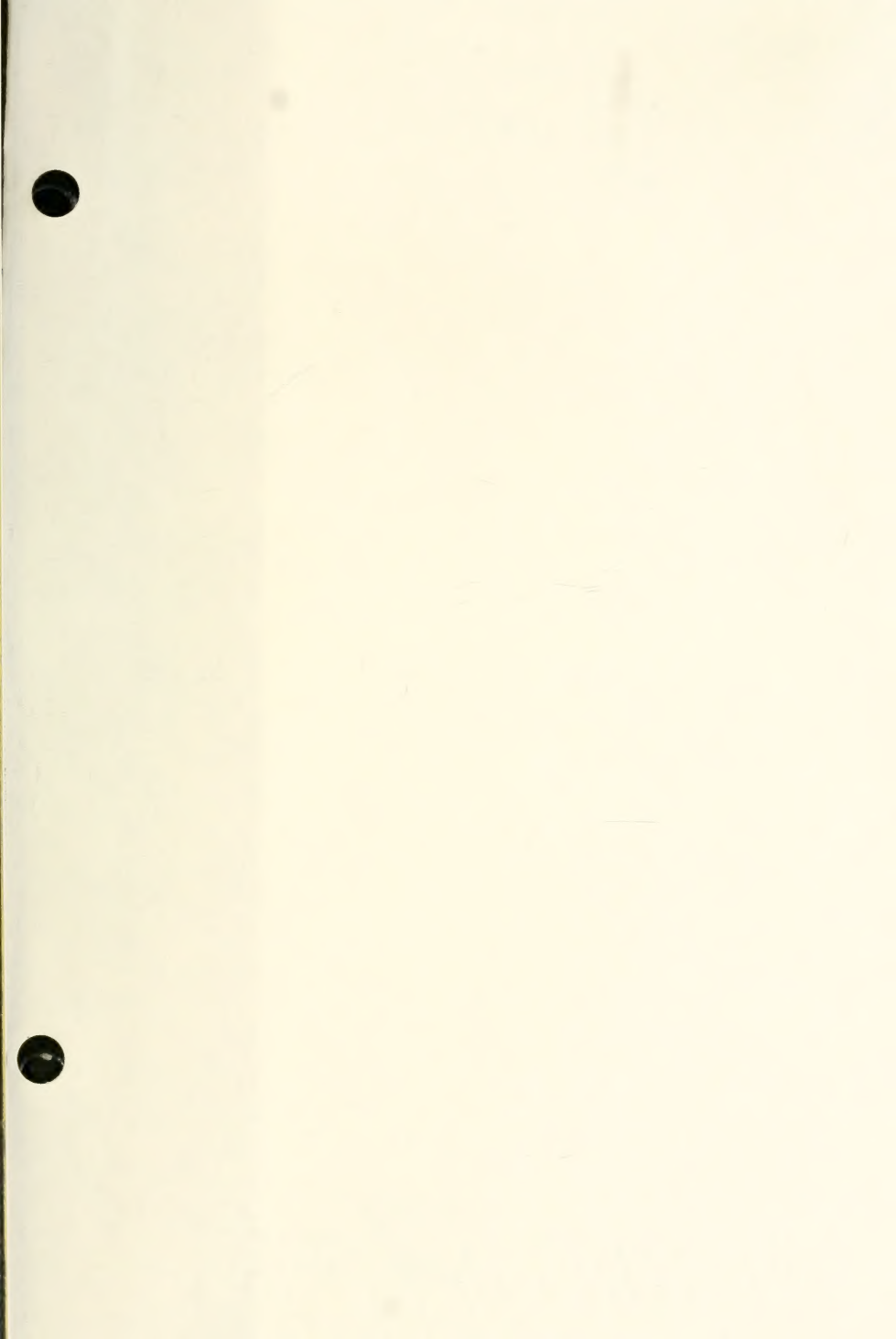
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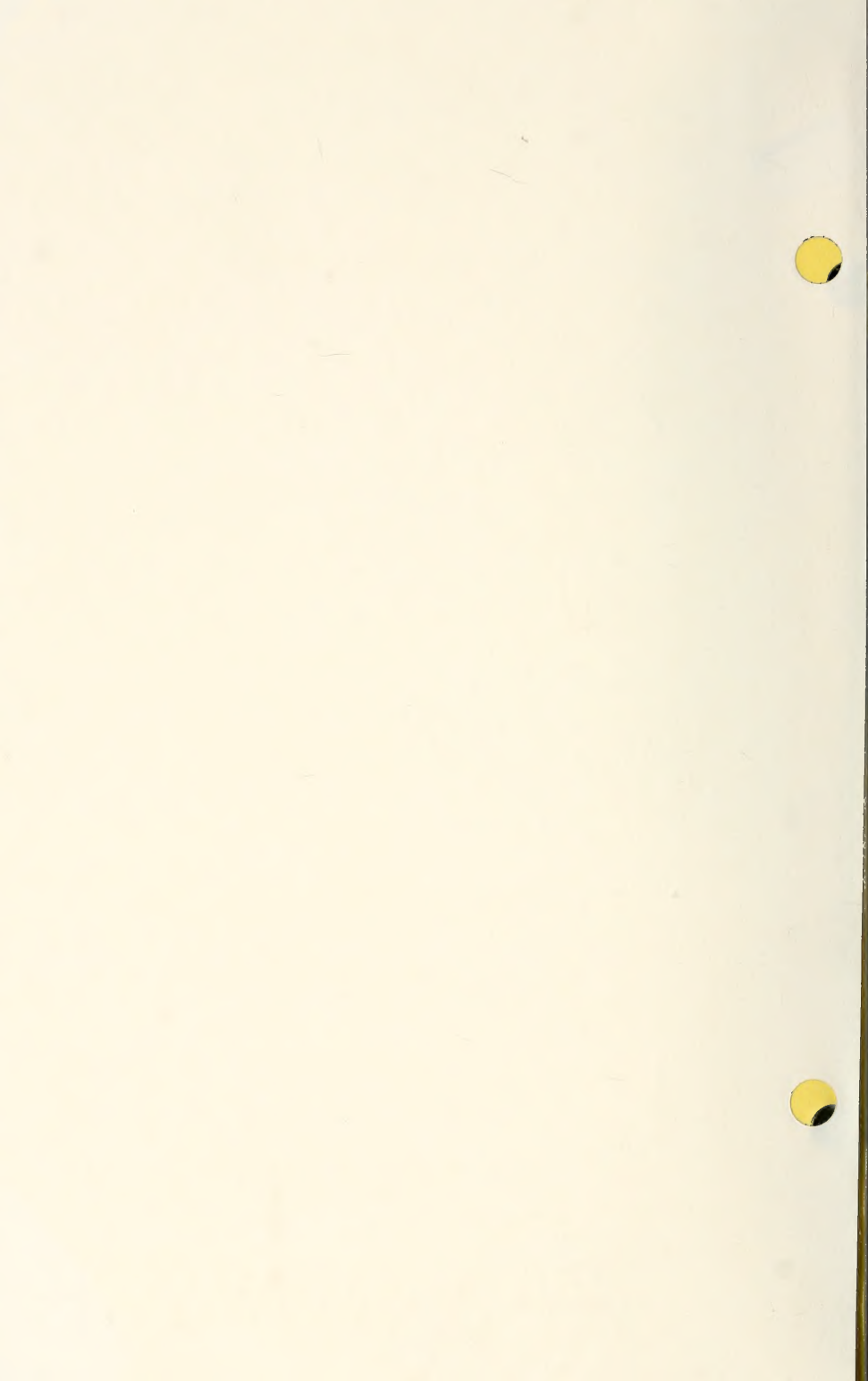
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